# FEDERAL ITEM IDENTIFICATION GUIDE

## TELEPHONE AND TELEGRAPH EQUIPMENT

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Commander

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

## Contents

# GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

Index of Approved Item Names Covered by this FIIG
Applicability Key Index
Section I - Item Characteristics Data Requirements
Section III - New text that should be here.
Appendix A - Reply Tables
Appendix B - Reference Drawing Groups (as applicable)
Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign ($) for an OR condition, or a double dollar sign ($$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

| MRC | Mode Code | Requirement | Example |
|---|---|---|---|
| CLQL | G | COLLOQUIAL NAME (common usage name by which an item is known) | CLQLGWOVEN WIRE CLOTH* |

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

[Page Break]

## MRC Index

## INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

| Approved Item Name | INC | App Key |
|---|---|---|
| BLANKER, INTERFERENCE | 00524 | FA |

A component designed to permit two or more electronic sets to be operated simultaneously without confusion of intelligence, or to prevent the presentation of undesired signals when used with a single set.

| | | |
|---|---|---|
| CONFERENCE BRIDGE, TELEPHONE | 19257 | DC |

An item which joins two-way telephone circuits for conference use by utilization of electrical bridge principles. May include audio frequency amplifiers to nullify the transmission loss of the bridge circuit, and hybrid cell circuits for 2-wire termination of the telephone circuits.

| | | |
|---|---|---|
| DEMULTIPLEXER | 06613 | FB |

An item designed to decombine two or more simultaneous intelligence signals for recovering the intelligence receiver from a single transmission facility, the intelligence having been previously combined by a compatible multiplexer. See also MULTIPLEXER.

| | | |
|---|---|---|
| DIAL, TELEPHONE | 05388 | AA |

A finger operated rotary wheel or pushbutton electromechanical indexing device that performs the connecting function of a telephone by generating impulses in an electrical switching circuit.

| | | |
|---|---|---|
| DIPLEXER | 29718 | FC |

An item designed to allow a single antenna to be used for simultaneous transmission and reception on different frequencies. It is installed in a transmission line or waveguide system between the transmitter(s) and/or receiver(s) and a common antenna. It may have provisions for tuning.

| | | |
|---|---|---|
| DISTRIBUTOR-TRANSMITTER TELETYPEWRITER | 05304 | CA |

A component which translates code combinations from a previously perforated paper tape into electrical impulses and transmits these impulses. May include a message numbering circuit. Does not include a keyboard.

| | | |
|---|---|---|
| DUPLEXER | 00172 | FC |

An item which permits a transmitter and receiver to operate on the same frequency with a single transmission line and/or antenna. It effects a mismatch in the receiver section when the transmitter is operating and restores matching when the transmitter is quiescent. See also BLANKER (as modified) and DIPLEXER.

| | | |
|---|---|---|
| EQUALIZER, TELEPHONE LINE | 00748 | DA |

A device which is connected in a wire circuit to correct frequency and phase characteristics and to compensate for attenuation distortion. See also NETWORK.

| Approved Item Name | INC | App Key |
|---|---|---|
| FINGER WHEEL, TELEPHONE DIAL | 08039 | AB |

A thin, flat, circular disk which forms a part of a DIAL, TELEPHONE. It contains a series of finger holes, by which it is rotated, thereby actuating the contact mechanism.

| | | |
|---|---|---|
| FREQUENCY SUPPLY, TELEPHONE CARRIER | 11284 | DC |

A component having the function of source supply of two or more carrier frequencies derived from a common master control circuit such as a crystal controlled oscillator or tuning fork. May include the supply of pilot frequencies, test tones, and the like. The carrier frequency supply is used with associated components. It need not include its own power supply.

| | | |
|---|---|---|
| HEAT COIL, TELEPHONE | 00773 | DC |

An electrical device specifically designed for use in telephone circuits to break the circuit on low current values at which fuses will not give reliable operation.

| | | |
|---|---|---|
| INTERMEDIATE DISTRIBUTING FRAME, TELEPHONE | 22684 | BB |

A framework upon which are mounted one or more fanning type terminal boards and is the terminating point for telephone lines. It may be inclosed and/or cross connected. It does not include facilities for protective devices, such as heat coils. It is to be used as a connecting point between a MAIN DISTRIBUTION FRAME, TELEPHONE and the equipment. Excludes MAIN DISTRIBUTING FRAME, TELEPHONE.

| | | |
|---|---|---|
| INTERRUPTER, RINGING, TELEPHONE | 00193 | DC |

An item which is used with automatic ringing in telephone circuits to provide fixed ringing and nonringing periods. It is usually motor driven.

| | | |
|---|---|---|
| KEY, TELEGRAPH | 00157 | EA |

An item designed for the rapid opening and closing of an electrical circuit by manual and/or semi-automatic actuation of a lever for transmission of code signals.

| | | |
|---|---|---|
| KEYER | 00465 | EB |

An item which by electrical, electronic, and/or mechanical means automatically opens and closes a control circuit or circuits of another item in a predetermined manner. Excludes KEYER, FREQUENCY SHIFT and MODULATOR, RADIO TRANSMITTER.

| | | |
|---|---|---|
| KEYER-POWER SUPPLY | 01104 | ED |

A component having the dual function of a keyer and a power supply. The keyer and power supply are used with associated components and may be used with each other.

| Approved Item Name | INC | App Key |
|---|---|---|
| LINE TERMINATION UNIT | 46351 | DH |

A device which combines the functions of a multiplexer, MODEM, COMMUNICATION, and/or digital voice orderwire. It provides analog and/or digital communication signal interfaces to the telephone central office.

| | | |
|---|---|---|
| MAIN DISTRIBUTING FRAME, TELEPHONE | 05117 | BB |

A framework upon which are mounted one or more fanning type terminal boards and is the terminating point for telephone lines. It may be inclosed and/or cross connected. It must include mounting facilities for protective devices or mounted devices such as heat coils for protection against lightning and/or line surges. Excludes INTERMEDIATE DISTRIBUTING FRAME, TELEPHONE.

| | | |
|---|---|---|
| MODEM ASSEMBLY, COMMUNICATIONS | 37001 | DB |

Two or more MODEM, COMMUNICATIONS having a common mounting or mounted on each other.

| | | |
|---|---|---|
| MODEM, COMMUNICATIONS | 37000 | DB |

An item which modulates and demodulates one or more electrical signals. It connects data terminal equipment to a communication line or network such as telephone, telegraph or radio. It may include the multiplexing and demultiplexing circuits, circuit amplifiers and source(s) of carrier frequency. For items designed for light signals see MODEM, FIBER OPTIC.

| | | |
|---|---|---|
| MODEM GROUP, SATELLITE COMMUNICATIONS | 48243 | DB |

A system which consists of related modems suitable for use within super high frequency earth terminals which provide survivable, anti-jam, anti-scintillation, low probability of exploitation, digital data communications, to achieve networks via non-processing transponder super high frequency satellites.

| | | |
|---|---|---|
| MULTIPLEXER | 00222 | FD |

An item designed to combine two or more simultaneous intelligence signals for transmission over a single transmission facility. Includes both time division and frequency division types of combinations thereof. Does not include the transmission facilities.

| | | |
|---|---|---|
| MULTIPLEXER SET | 06614 | FE |

A grouping of components and items consisting of two or more multiplexers and one or more demultiplexers together with accessory items. See also TERMINAL, TELEGRAPH and TERMINAL, TELEPHONE.

| Approved Item Name | INC | App Key |
|---|---|---|
| NETWORK, HYBRID CIRCUIT | 06504 | DC |

A component consisting of two or more different items, such as resistors, telephone repeating coils and capacitors, electrically connected and designed to provide facilities for connecting one or more two-wire communications circuits to one or more four-wire communications circuits. May include band-pass filters and/or protective apparatus. For items fabricated by monolithic and/or thin film techniques, see MICROCIRCUIT (as modified). See also NETWORK, IMPEDANCE MATCHING.

| | | |
|---|---|---|
| NUMBER PLATE, TELEPHONE DIAL | 00526 | AA |

An item which is thin, essentially flat, and in varying shapes, with locating and/or mounting slots/holes and on which is inscribed numerals, letters or symbols, so spaced that when placed under or around a DIAL, TELEPHONE it provides a legend for identification of numerals and/or pushbutton functions.

Panel

1. A single flat-surfaced item upon which are mounted such items as switches, variable resistors, relays, meters, circuit breakers, fuses, jacks, and the like, and may be used to perform functions such as control, protection, measuring, and switching. It may or may not have associated framework and/or inclosure. Do not use if all of the items mounted thereon have the same basic name or for items for which a more specific name can be found in this index.

| | | |
|---|---|---|
| PANEL (1), TELEPHONE SWITCHBOARD | 19253 | BA |

A panel with various items such as switches, telephone type signals, jacks, cords, plugs, etc., mounted thereon, and especially designed for use with or as part of a telephone switchboard. Do not use if a more specific item name exists, such as SIGNAL ASSEMBLY, SWITCHBOARD and JACK ASSEMBLY, TELEPHONE.

| | | |
|---|---|---|
| RELAY RACK, TELEPHONE | 03885 | BB |

A rack, part of a telephone central office, on which the relays and elements of various telephone central office circuits such as trunk and line circuits, and miscellaneous testing and alarm circuits are mounted. The rack is stocked as a completely wired and equipped unit. Excludes items on which strowger or stepping switches are mounted. Do not use if a more specific item name can be found in this index. See also SHELF, TELEPHONE SWITCH; and RELAY ASSEMBLY.

| | | |
|---|---|---|
| REPEATER, DIAL PULSE | 03838 | DD |

An item part of a DIAL, TELEPHONE central office which electronically isolates local office battery from the interoffice trunk with which it is associated and which reshapes the final pulse wave form. It repeats the pulse over the trunk to a distant office and transmits, does not amplify voice currents.

| | | |
|---|---|---|
| REPEATER, TELEGRAPH | 00143 | DD |

An item designed to receive, to amplify through current induction, and to retransmit automatically, a coded signal at an intermediate point in a long line. It may be completely self-contained with respect to power supply and/or test instruments.

| Approved Item Name | INC | App Key |
|---|---|---|
| REPEATER, TELEPHONE | 00090 | DD |

An item designed to receive, to amplify electronically, and to retransmit an audio modulated signal at an intermediate point in a long line. It may be completely self-contained with respect to power supply and/or test instruments.

| | | |
|---|---|---|
| REPERFORATER, TELETYPEWRITER | 19346 | CB |

An item or component which receives electrically transmitted teletypewritten signals and punches code combinations of holes in a paper tape. It may also have provision for printing the message but does not include a keyboard.

| | | |
|---|---|---|
| REPERFORATOR SET, TELETYPEWRITER | 19358 | CC |

Two or more items including a REPERFORATOR, TELETYPEWRITER which perforates a tape in response to teletypewriter coded signal received from a teletypewriter line. For items which include a keyboard and/or a distributor-transmitter, see TELETYPEWRITER SET.

| | | |
|---|---|---|
| RINGER, TELEPHONE | 00194 | DE |

An item consisting of an electromagnetic device that actuates a clapper which, when striking a gong or gongs, will give off a ringing sound. It is specifically designed to be used with a TELEPHONE SET. Excludes BELL, ELECTRICAL and BUZZER.

| | | |
|---|---|---|
| SHELF, TELEPHONE EQUIPMENT | 42255 | BC |

A framework upon which are mounted telephone terminal subassemblies wired as a complete electronic working unit for interconnection to other related equipment.

| | | |
|---|---|---|
| SHELF, TELEPHONE SWITCH | 05681 | BC |

A framework upon which are mounted telephone terminal subassemblies wired as a complete electro-mechanical working unit for interconnection to other related equipment. Excludes SHELF, TELEPHONE EQUIPMENT.

| | | |
|---|---|---|
| SWITCH BANK MULTIPLE, TELEPHONE | 11093 | DF |

An item which consists of a number of telephone switch bank assemblies wired in multiple to a terminal board at one end as a complete unit. Each switch bank assembly is composed of a series of fixed contacts which form a portion of a single or two motion telephone stepping switch. The complete item is intended to be mounted on a switch shelf in a dial type central office.

| | | |
|---|---|---|
| SWITCH, TELEPHONE, CONNECTOR | 00734 | DF |

A device with switching facilities used to connect a trunk (from a SWITCH, TELEPHONE, FINDER or SWITCH, TELEPHONE, SELECTOR) to a desired telephone sub-station line or PBX extension, and sometimes having facilities to distinguish between groups of lines or to hunt for an idle line terminal when the terminals are grouped.

| Approved Item Name | INC | App Key |
|---|---|---|
| SWITCH, TELEPHONE, CROSSBAR | 21278 | DF |

An electromagnetically actuated switch in which contacts are closed between horizontal and vertical banks of conducting bars. It may be designed to find and hold the specific circuit from which the starting signal has originated, to choose an idle circuit and connect the incoming signal to it, to connect the trunk lines from another switch to the desired called station and/or perform other selective switching functions. See also SWITCH, TELEPHONE, FINDER and SWITCH TELEPHONE, SELECTOR.

| | | |
|---|---|---|
| SWITCH, TELEPHONE, FINDER | 00735 | DF |

A device with switching facilities designed to move contacts over a number of terminals to which are connected circuits, over any one of which a signal to start the switch may be transmitted, in order to find the specific circuit from which the starting signal has come and to connect this circuit to another circuit associated with the finder switch. See also SWITCH, TELEPHONE, CROSSBAR.

| | | |
|---|---|---|
| SWITCH, TELEPHONE, SELECTOR | 00736 | DF |

A device with switching facilities designed to move over a number of terminals to which are connected groups of circuits in order to select a particular group of circuits in accordance with signals received over the circuit associated with this selector and then to choose from the group an idle circuit and connect to it the circuit associated with this selector. See also SWITCH, TELEPHONE, CROSSBAR.

| | | |
|---|---|---|
| Table | | |

1. An item having a flat, slablike surface supported on legs or other support. It may have drawers arranged beneath the top, but has a free area underneath on all sides in order to accommodate a seated person's legs.

2. An item consisting of a relatively flat top mounted on supporting structures. It must have a feature or features which distinguish it as an industrial, professional, or utility item. Examples of these features are shelf, cabinet, or drawer space in lieu of space for a person's legs; slots or other mounting or clamping devices for securing tools or other objects required for utilization of the item; equipment built-in or supplied with the item which is required for use of the item; or any other feature or features which identify the item as an industrial, professional, or specific utility item.

| | | |
|---|---|---|
| TABLE (1), CODE RECORDER # | 08086 | BD |

A table specifically designed to hold code recording equipment. May include shelves and wiring for electrical connections.

| | | |
|---|---|---|
| TABLE (2), ELECTRICAL TEST AND MAINTENANCE | 13641 | BD |

A table designed for general use in the testing of electrical circuits in the maintenance of instruments and appliances operated by electricity.

| | | |
|---|---|---|
| TABLE, FACSIMILE | 08087 | BD |

An item having a flat horizontal top upheld by one or more supports specifically designed to support facsimile equipment. It may have shelves and be wired for electrical connections.

| Approved Item Name | INC | App Key |
|---|---|---|
| TABLE (2), RADAR MAINTENANCE | 13610 | BD |

A table equipped with various electrical receptacles, circuit breakers, and terminal boards used in the maintenance, repair or testing of radar equipment.

| | | |
|---|---|---|
| TABLE (2), RADAR MOUNTING | 13611 | BD |

A table equipped with electric receptacle(s) designed for mounting and supplying electric current to radar equipment.

| | | |
|---|---|---|
| TABLE (1), STEREOPLOTTER, PROJECTION | 17759 | BD |

A table designed to support a stereoplotter frame and projectors.

| | | |
|---|---|---|
| TABLE, TELETYPEWRITER | 08088 | BD |

An item having a flat horizontal top upheld by one or more supports specifically designed to support teletypewriter equipment. It may have shelves and be wired for electrical connections.

| | | |
|---|---|---|
| TELEPHONE | 00306 | DG |

An item specifically designed to convert sound into variations of an electric current and to reconvert similar variations into their original sound with sufficient accuracy for clear intelligibility. It consists of a telephone transmitter, telephone receiver, and a switch and is primarily used for voice communications. Includes pedestal type, cradle type and hang-up type telephones. Does not include separate handsets or head and chest sets.

| | | |
|---|---|---|
| TELEPHONE, CELLULAR | 67819 | DH |

A hand held telephone which is connected to the telephone system via radio rather than a land line(s). Excludes TELEPHONE, CELLULAR, SECURE.

| | | |
|---|---|---|
| TELEPHONE, CELLULAR, SECURE | 67820 | DH |

A hand held telephone designed to receive and transmit clear or secure voice or data, which is connected to the telephone system via radio rather than a land line(s). The unit may include an encryption module. Excludes TELEPHONE, CELLULAR.

| | | |
|---|---|---|
| TELEPHONE CENTRAL OFFICE SECTION, DIAL | 01490 | BC |

A structural unit, generally inclosed, which contains a portion of the switching equipment (stepping switches or relays) of a dial telephone central office. It is not a complete functioning item, but is used with one or more similar sections to make up a complete telephone central office.

| Approved Item Name | INC | App Key |
|---|---|---|

## Telephone Circuit

1. An assembly of different or like parts designed to perform a specific function in a telephone switchboard or similar telephone equipment. It is self-contained and designed for rapid maintenance replacement by virtue of being a complete circuit terminated in a connector(s), plug(s), or jack(s), and requires no installation other than mechanical mounting. Electrical connection to related circuitry is automatic when the item is mechanically mounted.

| | | |
|---|---|---|
| TELEPHONE CIRCUIT (1), CONFERENCE JACK | 07964 | DC |

A telephone circuit consisting primarily of telephone jacks and signals designed for use in providing telephone conference facilities.

| | | |
|---|---|---|
| TELEPHONE CIRCUIT (1), CORD | 07965 | DC |

A telephone circuit consisting primarily of telephone cords, keys, signals, and other associated telephone equipment designed for interconnecting telephone equipment designed for interconnecting telephone switchboard liner and/or trunks.

| | | |
|---|---|---|
| TELEPHONE CIRCUIT (1), DIAL CORD | 07966 | DC |

A telephone circuit consisting primarily of a telephone dial, one cord and other associated telephone equipment designed for use in providing a means for transmitting dial pulses through a dial truck in a telephone switchboard.

| | | |
|---|---|---|
| TELEPHONE CIRCUIT (1), LINE JACK | 07967 | DC |

A telephone circuit consisting primarily of telephone jacks and signals designed for use in terminating a telephone line in an accessible position on the switchboard face, and to provide visual indication of an incoming signal.

| | | |
|---|---|---|
| TELEPHONE CIRCUIT (1), LINE RELAY | 07968 | DC |

A telephone circuit consisting primarily of telephone relays and other associated telephone equipment designed for use in terminating a line from a local telephone and in providing the telephone user with the facilities for signaling the switchboard operator.

| | | |
|---|---|---|
| TELEPHONE CIRCUIT (1), LINE-TRUNK JACK | 07969 | DC |

A telephone circuit consisting primarily of telephone jacks and signals designed for use in terminating a telephone line and a trunk in an accessible position on the switchboard face, and to provide visual indication of an incoming signal.

| | | |
|---|---|---|
| TELEPHONE CIRCUIT (1), LINE-TRUNK RELAY | 07970 | DC |

An item consisting of a TELEPHONE CIRCUIT, LINE RELAY and a TELEPHONE CIRCUIT, TRUNK RELAY.

| Approved Item Name | INC | App Key |
|---|---|---|
| TELEPHONE CIRCUIT (1), OPERATOR'S | 07972 | DC |

A telephone circuit consisting primarily of telephone relays, key(s), and other associated telephone equipment designed for use in providing the telephone operator with talking and monitoring facilities.

| | | |
|---|---|---|
| TELEPHONE CIRCUIT (1), TRUNK JACK | 07973 | DC |

A telephone circuit consisting primarily of telephone jacks and signals designed for use in terminating a telephone trunk in an accessible position on the switchboard face, and to provide visual indication of an incoming signal.

| | | |
|---|---|---|
| TELEPHONE CIRCUIT (1), TRUNK RELAY | 07974 | DC |

A telephone circuit consisting primarily of telephone relays, terminating impedance networks, and other associated telephone equipment designed for use in terminating a trunk from a distant telephone central office and in providing supervision and control of the established trunk connection.

| | | |
|---|---|---|
| TELEPHONE CIRCUIT (1), TRUNK SIGNALING | 07975 | DC |

A telephone circuit consisting primarily of telephone relays and associated telephone equipment designed for use in connection with a straight-forward trunk circuit to provide straight-forward signaling facilities on a two wire basis where telephone carrier equipment is not used.

| | | |
|---|---|---|
| TELEPHONE CONNECTING STATION | 01823 | BC |

An item which provides facilities for connecting to two or more telephone stations, but does not provide facilities to interconnect these two or more telephone stations. May include visual and/or audible signaling facilities. See also INTERCOMMUNICATION STATION.

| | | |
|---|---|---|
| TELEPHONE, SECURE UNIT | 46221 | DG |

An item specifically designed to transmit and receive clear and secure voice or data communication. A crypto ignition key is required and supplied for secure communication. A display is provided to identify the mode of communication.

| | | |
|---|---|---|
| TELEPHONE SET | 00307 | DG |

A combination of items consisting of a handset or telephone, a switch and its associated wiring, with self-contained or separate ringer box. Includes wall telephones. It is primarily used for voice communications.

| | | |
|---|---|---|
| TELETYPEWRITER | 00353 | CD |

A printing telegraph instrument having a keyboard similar to that of a typewriter for use in transmitting messages, and having a motor-driven signal-actuated mechanism for printing received messages directly. For teletypewriter without a keyboard, see TELEPRINTER. For a complete operating teletypewriter system, see TELETYPEWRITER SET.

| Approved Item Name | INC | App Key |
|---|---|---|
| TELETYPEWRITER SET | 19360 | CE |

The components and items required to operate an electronic and/or mechanical teletypewriter system for transmitting, receiving, and recording of telegraphic messages by wire. It may include operating spares or the following operating components or items: perforator-transmitter, reperforator set, distributor-transmitter. For teletypewriter system utilizing electromagnetic waves in space, see RADIO TELETYPEWRITER SET.

Terminal

2. An item consisting of one or more components which acts as the entrance and/or exit point of a communication system exclusive of the terminating apparatus, such as telephone set, facsimile set, teletypewriter, and the like. Do not use for switchboards, ringing apparatus, or filters.

| | | |
|---|---|---|
| TERMINAL (2), FREQUENCY MANAGEMENT | 51151 | DH |

A processor-controlled terminal that assists management of high frequency circuits and networks. The unit controls remote high frequency receivers and transmitters. It may be located with the operating system or remotely located, with data transferred via telephone or microwave links. It provides visual output of frequency management data. It may include a keyboard, alarms, modems and the like.

| | | |
|---|---|---|
| TERMINAL (2), TELEGRAPH | 03991 | EC |

A terminal which is used in a telegraph system.

| | | |
|---|---|---|
| TERMINAL, TELEGRAPH-TELEPHONE | 08618 | EC |

A terminal lwhich is used in a telegraph-telephone system.

| | | |
|---|---|---|
| TERMINAL (2), TELEPHONE | 03990 | DH |

A terminal which is used in a telephone system.

# APPLICABILITY KEY INDEX

| | AA | AB |
|---|---|---|
| NAME | X | X |
| ANGT | X | X |
| ANGX | AR | AR |
| ANGY | X | X |
| AFLW | X | X |
| ANGZ | AR | AR |
| AETU | AR | AR |
| ANHC | AR | AR |
| ANHD | AR | X |
| ANHR | AR | X |
| ALGC | X | X |
| ADAV | AR | AR |
| ABHP | AR | AR |
| ABMK | AR | AR |
| ABKW | AR | AR |
| ABFY | AR | AR |
| ADUM | AR | AR |
| FEAT | AR | AR |
| TEST | AR | AR |
| SPCL | AR | AR |
| ZZZK | AR | AR |
| ZZZT | AR | AR |
| ZZZW | AR | AR |
| ZZZX | AR | AR |
| ZZZY | AR | AR |
| CRTL | AR | AR |
| PRPY | AR | AR |
| ELRN | AR | AR |
| NHCF | AR | AR |
| ELCD | AR | AR |
| AFJK | AR | AR |
| PRMT | AR | AR |
| PMWT | AR | AR |
| PMLC | AR | AR |
| SUPP | AR | AR |
| FCLS | AR | AR |
| FTLD | AR | AR |
| TMDN | AR | AR |
| RTSE | AR | AR |
| RDAL | AR | AR |
| NTRD | AR | AR |
| ZZZP | AR | AR |
| ZZZV | AR | AR |
| AGAV | AR | AR |
| CXCY | AR | AR |

| | BA | BB | BC | BD |
|---|---|---|---|---|
| NAME | X | X | X | X |
| ADAV | AR | AR | AR | AR |
| ABMK | AR | AR | AR | AR |
| ABHP | AR | AR | AR | AR |
| ABFY | AR | AR | AR | AR |
| ABKW | AR | AR | AR | AR |
| ADUM | AR | AR | AR | AR |
| ALGC | X | | X | |
| ALBY | | X | | |
| ABBH | | AR | | |
| ANJA | | X | | |
| ANJB | | X | | |
| AHGU | | AR | | AR |
| ANJC | | AR | | AR |
| AFBH | | AR | | |
| MATL | | | | X |
| ANJD | | | | AR |
| ANJE | | | | AR |
| ANJF | | | | X |
| ANJG | X | | | |
| AFJH | AR | | AR | AR |
| AFHS | AR | | AR | AR |
| AKVY | AR | | AR | AR |
| AKVZ | AR | | AR | AR |
| AJJY | | | AR | |
| AJJZ | | | AR | |
| AJKA | | | AR | |
| AJKB | | | AR | |
| AKWA | AR | AR | AR | AR |
| AKWB | AR | AR | AR | AR |
| ALBM | | | X | |
| FEAT | AR | AR | AR | AR |
| TEST | AR | AR | AR | AR |
| SPCL | AR | AR | AR | AR |
| ZZZK | AR | AR | AR | AR |
| ZZZT | AR | AR | AR | AR |
| ZZZW | AR | AR | AR | AR |
| ZZZX | AR | AR | AR | AR |
| ZZZY | AR | AR | AR | AR |
| CRTL | AR | AR | AR | AR |
| PRPY | AR | AR | AR | AR |
| ELRN | AR | AR | AR | AR |
| NHCF | AR | AR | AR | AR |
| ELCD | AR | AR | AR | AR |
| AFJK | AR | AR | AR | AR |
| PRMT | AR | AR | AR | AR |
| PMWT | AR | AR | AR | AR |
| PMLC | AR | AR | AR | AR |
| SUPP | AR | AR | AR | AR |
| FCLS | AR | AR | AR | AR |
| FTLD | AR | AR | AR | AR |
| TMDN | AR | AR | AR | AR |
| RTSE | AR | AR | AR | AR |

| | | | | |
|---|---|---|---|---|
| RDAL | AR | AR | AR | AR |
| NTRD | AR | AR | AR | AR |
| ZZZP | AR | AR | AR | AR |
| ZZZV | AR | AR | AR | AR |
| AGAV | AR | AR | AR | AR |
| CXCY | AR | AR | AR | AR |

| | CA | CB | CC | CD | CE |
|---|---|---|---|---|---|
| NAME | X | X | X | X | X |
| ANKJ | X | X | X | X | X |
| ANJN | AR | AR | AR | AR | AR |
| AKWC | AR | AR | AR | AR | AR |
| ACYN | AR | AR | AR | AR | AR |
| ACZB | AR | AR | AR | AR | AR |
| FAAZ | AR | AR | AR | AR | AR |
| ACYR | AR | AR | AR | AR | AR |
| ALSF | AR | AR | AR | AR | AR |
| AKWA | AR | AR | AR | AR | AR |
| AKWB | AR | AR | AR | AR | AR |
| ANMH | X | X | X | | |
| AGCX | X | X | X | | |
| ADAV | AR | AR | AR | AR | AR |
| ABHP | AR | AR | AR | AR | AR |
| ABMK | AR | AR | AR | AR | AR |
| ABKW | AR | AR | AR | AR | AR |
| ABFY | AR | AR | AR | AR | AR |
| ADUM | AR | AR | AR | AR | AR |
| ALEG | | | | AR | AR |
| ANMK | | | | AR | AR |
| ANML | | | | X | X |
| ANMN | | | | AR | AR |
| AMQY | | | | X | X |
| AFJH | | | AR | | AR |
| AFHS | | | AR | | AR |
| AKVY | | | AR | | AR |
| AKVZ | | | AR | | AR |
| AJJY | | | AR | | AR |
| AJJZ | | | AR | | AR |
| AJKA | | | AR | | AR |
| AJKB | | | AR | | AR |
| ANMQ | X | | | | |
| ANZK | AR | | | AR# | AR# |
| FEAT | AR | AR | AR | AR | AR |
| TEST | AR | AR | AR | AR | AR |
| SPCL | AR | AR | AR | AR | AR |
| ZZZK | AR | AR | AR | AR | AR |
| ZZZT | AR | AR | AR | AR | AR |
| ZZZW | AR | AR | AR | AR | AR |
| ZZZX | AR | AR | AR | AR | AR |
| ZZZY | AR | AR | AR | AR | AR |
| CRTL | AR | AR | AR | AR | AR |
| PRPY | AR | AR | AR | AR | AR |
| ELRN | AR | AR | AR | AR | AR |
| NHCF | AR | AR | AR | AR | AR |
| ELCD | AR | AR | AR | AR | AR |
| AFJK | AR | AR | AR | AR | AR |
| PRMT | AR | AR | AR | AR | AR |
| PMWT | AR | AR | AR | AR | AR |
| PMLC | AR | AR | AR | AR | AR |
| SUPP | AR | AR | AR | AR | AR |
| FCLS | AR | AR | AR | AR | AR |

| | | | | | |
|---|---|---|---|---|---|
| FTLD | AR | AR | AR | AR | AR |
| TMDN | AR | AR | AR | AR | AR |
| RTSE | AR | AR | AR | AR | AR |
| RDAL | AR | AR | AR | AR | AR |
| NTRD | AR | AR | AR | AR | AR |
| ZZZP | AR | AR | AR | AR | AR |
| ZZZV | AR | AR | AR | AR | AR |
| AGAV | AR | AR | AR | AR | AR |
| CXCY | AR | AR | AR | AR | AR |

| | DA | DB | DC | DD | DE | DF | DG | DH |
|---|---|---|---|---|---|---|---|---|
| NAME | X | X | X | X | X | X | X | X |
| ADAV | AR | AR | AR | AR | AR | AR | AR | AR |
| ABMK | AR | AR | AR | AR | AR | AR | AR | AR |
| ABKW | AR | AR | AR | AR | AR | AR | AR | AR |
| ABFY | AR | AR | AR | AR | AR | AR | AR | AR |
| ABHP | AR | AR | AR | AR | AR | AR | AR | AR |
| ADUM | AR | AR | AR | AR | AR | AR | AR | AR |
| AKWA | AR | AR | | AR | AR | AR | AR | AR |
| AKWB | AR | AR | | AR | AR | AR | AR | AR |
| ALGC | X | | AR | | X | X | | |
| ANMQ | | | | | | | | X |
| ANMR | | | | | | | | AR |
| AMKF | | X | | | | | | X |
| AMKN | | X | | | | | | X |
| ANJJ | | | | | | | | AR |
| ANJK | X | | | AR | | | | X |
| AKWC | AR | AR | AR | AR | AR | AR | AR | AR |
| ACYN | AR | AR | AR | AR | AR | AR | AR | AR |
| ACZB | AR | AR | AR | AR | AR | AR | AR | AR |
| FAAZ | AR | AR | AR | AR | AR | AR | AR | AR |
| ACYR | AR | AR | AR | AR | AR | AR | AR | AR |
| ALSF | AR | AR | AR | AR | AR | AR | AR | AR |
| ANMT | X | | | | | | | |
| AARA | X | | | | | | | |
| AARB | AR | | | | | | | |
| ADTV | AR | | | AR | | | AR | |
| KRLC | | | | | | | X | |
| ANMX | | X | | | | | | |
| ANPR | | X | | | | | | |
| ANPS | | AR | | | | | | |
| ANZM | | X | | | | | | |
| ANZK # | | AR | | | | | | |
| ANPT # | | AR | | | | | | |
| STYL | | | | | | | X | |
| BSJT # | | | | | | | AR | |
| ANZN | | | | | | | X | |
| ANPX | | | | | | | X | |
| ANPY | | | | | | | AR | |
| ANQA | | | | | | | AR | |
| ANQB | | | | | | | AR | |
| ANZH | | | | | | | X | |
| ANZP | | | | | | | AR | |
| ANZR | | | | | | | AR | |
| ANZS | | | | | | | X | |
| AMWM | | | | | | X | | |
| APBL | | | | | | AR | | |
| AFZC | | | | | | AR | | |
| APBM | | | | | | AR | | |
| AFRA | | | | | | AR | | |
| APBN | | | | | | X | | |
| APBP | | | | | | AR | | |
| APBR | | | | | | AR | | |
| APBS | | | X | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| APBT | | | X | | | | | |
| APBW | | | AR | | | | | |
| APBX | | | AR | | | | | |
| APBY | | | AR | | | | | |
| AHGU | | | AR | | | | | |
| APBZ | | | AR | | | | | |
| APCB | | | X | | | | | |
| APKS | | | | | X | | | |
| APLF | | | | | AR | | | |
| APLG | | | | | X | | | |
| APBQ | | | | | X | | | |
| APLH | | | | | AR | | | |
| APLJ | | | | X | | | | |
| ANLC | | | | AR | | | | |
| APLK | | | | AR | | | | |
| APLL | | | | AR | | | | |
| APLM | | AR | | AR | | | | |
| APLN | | | | X | | | | |
| APLP | | | | X | | | | |
| APQA | | | | AR | | | | |
| APQB | | | | X | | | | |
| AFJH | | | | AR | | | | |
| AFHS | | | | AR | | | | |
| AKVY | | | | AR | | | | |
| AKVZ | | | | AR | | | | |
| AJJY | | | | AR | | | | |
| AJJZ | | | | AR | | | | |
| AJKA | | | | AR | | | | |
| AJKB | | | | AR | | | | |
| APQP # | | AR | | | | | | |
| CBBL | AR | AR | AR | AR | AR | AR | AR | AR |
| CZGE # | | AR | | | | | | |
| CZGF # | | AR | | | | | | |
| FEAT | AR | AR | AR | AR | AR | AR | AR | AR |
| TEST | AR | AR | AR | AR | AR | AR | AR | AR |
| SPCL | AR | AR | AR | AR | AR | AR | AR | AR |
| ZZZK | AR | AR | AR | AR | AR | AR | AR | AR |
| ZZZT | AR | AR | AR | AR | AR | AR | AR | AR |
| ZZZW | AR | AR | AR | AR | AR | AR | AR | AR |
| ZZZX | AR | AR | AR | AR | AR | AR | AR | AR |
| ZZZY | AR | AR | AR | AR | AR | AR | AR | AR |
| CRTL | AR | AR | AR | AR | AR | AR | AR | AR |
| PRPY | AR | AR | AR | AR | AR | AR | AR | AR |
| ELRN | AR | AR | AR | AR | AR | AR | AR | AR |
| NHCF | AR | AR | AR | AR | AR | AR | AR | AR |
| ELCD | AR | AR | AR | AR | AR | AR | AR | AR |
| AFJK | AR | AR | AR | AR | AR | AR | AR | AR |
| PRMT | AR | AR | AR | AR | AR | AR | AR | AR |
| PMWT | AR | AR | AR | AR | AR | AR | AR | AR |
| PMLC | AR | AR | AR | AR | AR | AR | AR | AR |
| SUPP | AR | AR | AR | AR | AR | AR | AR | AR |
| FCLS | AR | AR | AR | AR | AR | AR | AR | AR |
| FTLD | AR | AR | AR | AR | AR | AR | AR | AR |
| TMDN | AR | AR | AR | AR | AR | AR | AR | AR |
| RTSE | AR | AR | AR | AR | AR | AR | AR | AR |
| RDAL | AR | AR | AR | AR | AR | AR | AR | AR |
| NTRD | AR | AR | AR | AR | AR | AR | AR | AR |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ZZZP | AR | AR | AR | AR | AR | AR | AR | AR |
| ZZZV | AR | AR | AR | AR | AR | AR | AR | AR |
| AGAV | AR | AR | AR | AR | AR | AR | AR | AR |
| CXCY | AR | AR | AR | AR | AR | AR | AR | AR |

| | EA | EB | EC | ED |
|---|---|---|---|---|
| NAME | X | X | X | X |
| ADAV | AR | AR | AR | AR |
| ABHP | AR | AR | AR | AR |
| ABMK | AR | AR | AR | AR |
| ABKW | AR | AR | AR | AR |
| ABFY | AR | AR | AR | AR |
| ADUM | AR | AR | AR | AR |
| AKWA | AR | AR | AR | AR |
| AKWB | AR | AR | AR | AR |
| AKWC | AR | AR | AR | AR |
| ACYN | AR | AR | AR | AR |
| ACZB | AR | AR | AR | AR |
| FAAZ | AR | AR | AR | AR |
| ACYR | AR | AR | AR | AR |
| ALSF | AR | AR | AR | AR |
| APQC | X | | | X |
| APQD | X | | | |
| AFRA | X | | | X |
| APQE | AR | | | AR |
| AFRG | AR | | | AR |
| AESH | X | | | |
| SHPE | AR | | | |
| ACTU | AR | | | |
| ACTV | AR | | | |
| ADJH | AR | | | |
| ALGC | AR | | | |
| APQF | X | | | X |
| AFJU | X | | | |
| APQG | | | X | X |
| APQH | | | AR | AR |
| APQJ | | | AR | AR |
| APQK | | | AR | AR |
| ANJJ | | | AR | AR |
| ANZK | | | AR | AR |
| APQL | | | AR | AR |
| APQM | | | X | |
| APQN | | | X | X |
| APQP | | | AR | |
| APQR | | | AR | |
| APQT | | AR | | |
| APQW | | AR | | |
| APQX | | X | | |
| APQY | | X | | |
| FEAT | AR | AR | AR | AR |
| TEST | AR | AR | AR | AR |
| SPCL | AR | AR | AR | AR |
| ZZZK | AR | AR | AR | AR |
| ZZZT | AR | AR | AR | AR |
| ZZZW | AR | AR | AR | AR |
| ZZZX | AR | AR | AR | AR |
| ZZZY | AR | AR | AR | AR |
| CRTL | AR | AR | AR | AR |
| PRPY | AR | AR | AR | AR |

| | | | | |
|---|---|---|---|---|
| ELRN | AR | AR | AR | AR |
| NHCF | AR | AR | AR | AR |
| ELCD | AR | AR | AR | AR |
| AFJK | AR | AR | AR | AR |
| PRMT | AR | AR | AR | AR |
| PMWT | AR | AR | AR | AR |
| PMLC | AR | AR | AR | AR |
| SUPP | AR | AR | AR | AR |
| FCLS | AR | AR | AR | AR |
| FTLD | AR | AR | AR | AR |
| TMDN | AR | AR | AR | AR |
| RTSE | AR | AR | AR | AR |
| RDAL | AR | AR | AR | AR |
| NTRD | AR | AR | AR | AR |
| ZZZP | AR | AR | AR | AR |
| ZZZV | AR | AR | AR | AR |
| AGAV | AR | AR | AR | AR |
| CXCY | AR | AR | AR | AR |

| | FA | FB | FC | FD | FE |
|---|---|---|---|---|---|
| NAME | X | X | X | X | X |
| AKWA | AR | AR | AR | AR | AR |
| AKWB | AR | AR | AR | AR | AR |
| AKWC | AR | AR | AR | AR | AR |
| ACYN | AR | AR | AR | AR | AR |
| ACZB | AR | AR | AR | AR | AR |
| FAAZ | AR | AR | AR | AR | AR |
| ACYR | AR | AR | AR | AR | AR |
| ALSF | AR | AR | AR | AR | AR |
| ADAV | AR | AR | AR | AR | AR |
| ABHP | AR | AR | AR | AR | AR |
| ABMK | AR | AR | AR | AR | AR |
| ABKW | AR | AR | AR | AR | AR |
| ABFY | AR | AR | AR | AR | AR |
| ADUM | AR | AR | AR | AR | AR |
| AFJH | AR | | | | AR |
| AFHS | AR | | | | AR |
| AKVY | AR | | | | AR |
| AKVZ | AR | | | | AR |
| AJJY | AR | | | | AR |
| AJJZ | AR | | | | AR |
| AJKA | AR | | | | AR |
| AJKB | AR | | | | AR |
| APQG | | X | | X | X |
| APQJ | | X | | X | X |
| APTP | | X | | X | |
| ANSL | | X | | X | |
| APTQ | | X | | X | |
| APTR | | X | | X | |
| ANSR | | X | | X | |
| APTS | | X | | X | |
| APTT | | | X | | |
| ANEQ | X | | | | |
| APTW | | | X | | |
| FEAT | AR | AR | AR | AR | AR |
| TEST | AR | AR | AR | AR | AR |
| SPCL | AR | AR | AR | AR | AR |
| ZZZK | AR | AR | AR | AR | AR |
| ZZZT | AR | AR | AR | AR | AR |
| ZZZW | AR | AR | AR | AR | AR |
| ZZZX | AR | AR | AR | AR | AR |
| ZZZY | AR | AR | AR | AR | AR |
| CRTL | AR | AR | AR | AR | AR |
| PRPY | AR | AR | AR | AR | AR |
| ELRN | AR | AR | AR | AR | AR |
| NHCF | AR | AR | AR | AR | AR |
| ELCD | AR | AR | AR | AR | AR |
| AFJK | AR | AR | AR | AR | AR |
| PRMT | AR | AR | AR | AR | AR |
| PMWT | AR | AR | AR | AR | AR |
| PMLC | AR | AR | AR | AR | AR |
| SUPP | AR | AR | AR | AR | AR |
| FCLS | AR | AR | AR | AR | AR |

| | | | | | |
|---|---|---|---|---|---|
| FTLD | AR | AR | AR | AR | AR |
| TMDN | AR | AR | AR | AR | AR |
| RTSE | AR | AR | AR | AR | AR |
| RDAL | AR | AR | AR | AR | AR |
| NTRD | AR | AR | AR | AR | AR |
| ZZZP | AR | AR | AR | AR | AR |
| ZZZV | AR | AR | AR | AR | AR |
| AGAV | AR | AR | AR | AR | AR |
| CXCY | AR | AR | AR | AR | AR |

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[Page Break]

## Body

**SECTION: A**

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| ALL | | | |
| | NAME | D | ITEM NAME |

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED05388*)

ALL

| | | |
|---|---|---|
| ANGT | D | PULSE SPEED ADJUSTABILITY |

Definition: AN INDICATION OF WHETHER OR NOT THE PULSE SPEED IS ADJUSTABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANGTDC*; ANGTDA$DC*)

| REPLY CODE | REPLY (AB00) |
|---|---|
| A | ADJUSTABLE |
| C | NONADJUSTABLE |

NOTE FOR MRC ANGX: IF REPLY CODE C IS ENTERED FOR MRC ANGT, REPLY TO MRC ANGX.

ALL* (See Note Above)

| | | |
|---|---|---|
| ANGX | J | PULSE SPEED PER SECOND |

Definition: THE RATE AT WHICH THE PULSES RECUR EACH SECOND.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ANGXJA10.0*; ANGXJB9.0$$JC11.0*)

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | | C | MAXIMUM |

ALL

ANGY A SHUNT SPRING CONTACT ARRANGEMENT

Definition: THE DESIGNATION INDICATING THE ARRANGEMENT OF SHUNT SPRING CONTACTS.

Reply Instructions: Enter the proper contact arrangement designations from Appendix B , Reference Drawing Group A. (e.g., ANGYA1B1F*)

ALL

AFLW D ACTUATION METHOD

Definition: THE MEANS BY WHICH THE ITEM IS ACTUATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFLWDBD*)

| REPLY CODE | REPLY (AC58) |
|---|---|
| WD | FINGER WHEEL |
| BD | PUSH BUTTON |

ALL*

ANGZ D NUMBER PLATE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE NUMBER PLATE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ANGZDST0000*; ANGZDBHA000$$DBR0000$DPCCCA0*)

ALL*

AETU D INSCRIPTION LOCATION

Definition: INDICATES THE LOCATION OF THE INSCRIPTION ON THE ITEM.

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AETUDZA*; AETUDZA$DZB*)

| REPLY CODE | REPLY (AE46) |
|---|---|
| A | ANY ACCEPTABLE |
| ZA | FINGER WHEEL |
| ZB | NUMBER PLATE |

ALL*

ANHC D CHARACTER TYPE

Definition: INDICATES THE TYPE OF CHARACTERS ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANHCDAAD*; ANHCDAAC$$DAAD*)

| REPLY CODE | REPLY (AJ65) |
|---|---|
| A | ANY ACCEPTABLE |
| AAB | DOTS |
| AAC | LETTERS |
| AAD | NUMBERS |
| ABM # | SPECIAL FUNCTIONS |
| AAE | W/WORD OPERATOR |

AA*, AB

ANHD D FINGER WHEEL MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE FINGER WHEEL IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ANHDDBR0000*; ANHDDBR0000$$DBR0000$DPCCCA0*)

AA*, AB

ANHR A FINGER WHEEL HOLE QUANTITY

Definition: THE NUMBER OF HOLES IN THE FINGER WHEEL.

Reply Instructions: Enter the quantity. (e.g., ANHRA10*)

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| ALL | | | |
| | ALGC | G | MOUNTING CONFIGURATION |

Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE MOUNTING CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., ALGCGTWO LOCATING STUDS 0.0938 IN. DIA ON 0.035 IN. CTRS*)

| | | | |
|---|---|---|---|
| ALL* | | | |
| | ADAV | J | OVERALL DIAMETER |

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA25.4*; ADAVJAB2.375$$JAC2.425*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

| | | | |
|---|---|---|---|
| ALL* | | | |
| | ABHP | J | OVERALL LENGTH |

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA24.000*; ABHPJLA25.4*; ABHPJAB2.375$$JAC2.425*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | | A | INCHES |
| | | L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA25.4*; ABMKJAB1.750$$JAC2.125*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Code from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA25.4*; ABKWJAB2.475$$JAC2.525*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | | A | INCHES |
| | | L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ABFY J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA25.4*; ABFYJAB2.375$$JAC2.425*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ADUM J OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA2.500*; ADUMJLA25.4*; ADUMJAB1.475$$JAC2.525*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|

FIIG T
Section Parts

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | | A | INCHES |
| | | L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

**SECTION: B**

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| ALL | | | |
| | NAME | D | ITEM NAME |

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED05681*)

| | | | |
|---|---|---|---|
| ALL* | | | |
| | ADAV | J | OVERALL DIAMETER |

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA25.4*; ADAVJAB2.375$$JAC2.425*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

| | | | |
|---|---|---|---|
| ALL* | | | |
| | ABMK | J | OVERALL WIDTH |

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA25.4*; ABMKJAB2.475$$JAC2.525*)

Table 1

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA25.4*; ABHPJAB7.775$$JAC8.250*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ABFY J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA25.4*; ABFYJAB2.375$$JAC2.450*)

Table 1

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA25.4*; ABKWJAB2.475$$JAC2.550*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ADUM J OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA2.500*; ADUMJLA25.4*; ADUMJAB2.475$$JAC2.525*)

Table 1

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

BA, BC

ALGC G MOUNTING CONFIGURATION

Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE MOUNTING CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the reply in clear text.

(e.g., ALGCGMTD BY FOUR 5/16-18 MACHINE SCREWS*)

BB

ALBY D USAGE DESIGN

Definition: INDICATES THE DESIGNED USE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALBYDABK*; ALBYDABK$DABL*)

| REPLY CODE | REPLY (AH21) |
|---|---|
| ABK | FIELD |
| ABL | OFFICE |

BB*

ABBH D INCLOSURE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE INCLOSURE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ABBHDPCW000*; ABBHDALC000$$DPC0000$DPCAAL0*)

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

BB

ANJA A MAXIMUM CONDUCTOR PAIR QUANTITY

Definition: THE MAXIMUM NUMBER OF PAIRS OF CONDUCTORS ON THE ITEM.

Reply Instructions: Enter the quantity. (e.g., ANJAA50*)

BB

ANJB D FACTORY CROSS CONNECTION

Definition: AN INDICATION OF WHETHER OR NOT CROSS CONNECTION WAS ACCOMPLISHED AT THE FACTORY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANJBDB*)

| REPLY CODE | REPLY (AA49) |
|---|---|
| B | INCLUDED |
| C | NOT INCLUDED |

BB*, BD*

AHGU D PROTECTOR TYPE

Definition: INDICATES THE TYPE OF PROTECTOR PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHGUDAL*; AHGUDAL$DAM*)

| REPLY CODE | REPLY (AF34) |
|---|---|
| AL | CIRCUIT BREAKERS |
| AM | HEAT COILS |

BB*, BD*

ANJC A PROTECTOR QUANTITY

Definition: THE NUMBER OF PROTECTORS INCLUDED ON THE ITEM.

Reply Instructions: Enter the quantity. (e.g., ANJCA320*)

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Enter optional replies in the same sequence as MRC AHGU. (e.g., ANJCA390$A400*)

BB*

AFBH A INDIVIDUAL SECTION QUANTITY

Definition: THE NUMBER OF INDIVIDUAL SECTIONS INCLUDED IN THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AFBHA8*)

Enter multiple replies in the same sequence as MRC AHGU. (e.g., AFBHA4$$A6*)

BD

MATL D MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDST0000*; MATLDME0000$$DWD0000$DPC0000*)

BD*

ANJD D STORAGE FACILITY TYPE

Definition: INDICATES THE TYPE OF FACILITY(IES) PROVIDED FOR STORAGE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANJDDAAB*; ANJDDAAB$$DAAC*)

| REPLY CODE | REPLY (AJ67) |
|---|---|
| A | ANY ACCEPTABLE |
| AAB | DRAWERS |
| AAC | SHELVES |

BD*

ANJE A STORAGE FACILITY QUANTITY

Definition: THE NUMBER OF STORAGE FACILITIES PROVIDED.

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Reply Instructions: Enter the quantity. (e.g., ANJEA1*)

Enter multiple replies in the same sequence as MRC ANJD. (e.g., ANJEA2$$A3*)

BD

ANJF D WIRING PROVISION

Definition: AN INDICATION OF WHETHER OR NOT WIRING PROVISIONS ARE INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANJFDB*)

| REPLY CODE | REPLY (AA49) |
|---|---|
| B | INCLUDED |
| C | NOT INCLUDED |

BA

ANJG D PANEL MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE PANEL IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ANJGDST0000*; ANJGDALC000$$DPC0000$DPCAAL0*)

BA*, BC*, BD*

AFJH G FURNISHED ITEMS

Definition: ITEMS FURNISHED AS ACCESSORIES WHICH ARE NOT SPECIFIED ELSEWHERE.

Reply Instructions: Enter the reply in clear text. (e.g., AFJHGCABLE*)

Separate multiple replies with a semicolon. (e.g., AFJHGFILTER ASSEMBLY; RECEIVER SUBASSEMBLY*)

BA*, BC*, BD*

AFHS A ACCESSORY COMPONENT QUANTITY

APP
Key MRC Mode Code Requirements

Definition: THE NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the quantity. (e.g., AFHSA4*)

Enter multiple replies in the same sequence as MRC AFJH using AND coding ($$). (e.g., AFHSA4$$A5*)

BA*, BC*, BD*

AKVY G ACCESSORY CONTROLLING AGENCY

Definition: THE NAME OF THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION THAT CONTROLS THE MANUFACTURE OF THE ACCESSORY ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., AKVYGWHITE CO*)

Enter multiple replies in the same sequence as MRC AFJH separated by a semicolon. (e.g., AKVYGAMPEX CORP; SIGNAL CORPS*)

BA*, BC*, BD*

AKVZ J ACCESSORY IDENTIFYING NUMBER

Definition: THE SPECIFIC NUMBER USED TO IDENTIFY THE ACCESSORY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the identifying number. (e.g., AKVZJAD512*)

Enter multiple or optional replies in the same sequence as MRC AFJH using AND/OR coding ($$/$). (e.g., AKVZJACSR049$$JAC12345$JAF12B*)

| REPLY CODE | REPLY (AG99) |
|---|---|
| AB | DRAWING NO. |
| AC | MODEL NO. |
| AD | PART NO. |
| AE | SERIAL NO. |
| AF | TYPE NO. |

BC*

AJJY A DOCUMENT SOURCE

APP
Key MRC Mode Code Requirements

Definition: THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE GOVERNMENT AGENCY, INDUSTRIAL ORGANIZATION, OR OTHER SOURCE, WHICH CONTROLS THE DOCUMENT.

Reply Instructions: Enter the 5-position government agency or CAGE code. (e.g., AJJYA12345*)

Enter multiple or optional replies using AND/OR coding. (e.g., AJJYA80058$$A82260$A12345*)

BC*

AJJZ D DOCUMENT TYPE

Definition: INDICATES THE TYPE OF DOCUMENT BY THE TITLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJJZDAB*)

Enter multiple or optional replies in the same sequence as MRC AJJY. (e.g., AJJZDAB$$DAG$DAD*)

| REPLY CODE | REPLY (AF70) |
|---|---|
| AE | FEDERAL SPECIFICATION |
| AC | MILITARY SPECIFICATION |
| AF | MILITARY STANDARD |
| AB | TECHNICAL MANUAL |
| AG | TECHNICAL ORDER |
| AD | TRAINING MANUAL |

BC*

AJKA A DOCUMENT IDENTIFICATION

Definition: THE NUMBER OR SYMBOL USED TO IDENTIFY THE DOCUMENT.

Reply Instructions: Enter the document number.

(e.g., AJKAA5-225*)

Enter multiple or optional replies in the same sequence as MRC AJJY.

(e.g., AJKAAMIL-P-1234$$A31P5-11$ARC128*)

BC*

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | AJKB | A | COMPONENT DOCUMENT PAGE NUMBER |

Definition: THE PAGE NUMBER INDICATING THE LOCATION OF THE COMPONENT(S) LISTED IN THE DOCUMENT.

Reply Instructions: Enter the page number. (e.g., AJKBA123*)

Enter multiple or optional replies in the same sequence as MRC AJJY. (e.g., AJKBA5$$A11$A21*)

ALL*

| | | |
|---|---|---|
| AKWA | G | JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM NAME |

Definition: THE NAME ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.

Reply Instructions: Enter the reply in clear text. (e.g., AKWAGPUBLIC ADDRESS SET*)

ALL*

| | | |
|---|---|---|
| AKWB | G | JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM TYPE NUMBER |

Definition: THE TYPE NUMBER ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.

Reply Instructions: Enter the reply in clear text. (e.g., AKWBGAN/TIP1A*)

BC

| | | |
|---|---|---|
| ALBM | D | OPERATING CONTROL METHOD |

Definition: THE MEANS BY WHICH THE ITEM IS OPERATED OR CONTROLLED.

Reply Instructions: enter the applicable Reply Code from the table below. (e.g., ALBMDAB*; ALBMDAB$DAC*)

| REPLY CODE | REPLY (AH20) |
|---|---|
| A | ANY ACCEPTABLE |
| AB | AUTOMATIC |
| AG | HYDRAULIC |
| AC | INSTRUCTOR |

FIIG T
Section Parts

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | | AH | MECHANICAL |
| | | AD | TECHNICIAN |
| | | AE | TRAINEE |

**SECTION: C**

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| ALL | | | |
| | NAME | D | ITEM NAME |

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED05304*)

| | | | |
|---|---|---|---|
| ALL | | | |
| | ANKJ | B | UNIT INTERVAL QUANTITY |

Definition: THE TRANSMISSION MEDIUM CHARACTERISTIC DETERMINED BY FREQUENCY RESPONSE PER SECOND EXPRESSED IN BAUDS.

Reply Instructions: Enter the numeric value. (e.g., ANKJB5.00*; ANKJB5.00$$B7.00*)

| | | | |
|---|---|---|---|
| ALL* | | | |
| | ANJN | D | MOTOR TYPE |

Definition: INDICATES THE TYPE OF MOTOR PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANJNDAAB*; ANJNDAAB$DAAC*)

| REPLY CODE | REPLY (AJ71) |
|---|---|
| A | ANY ACCEPTABLE |
| AAB | SERIES-GOVERNED |
| AAC | SYNCHRONOUS |

NOTE FOR MRCS AKWC, ACYN, ACZB, FAAZ, ACYR AND ALSF: REPLY TO MRC AKWC IF THE SOLE POWER SOURCE IS SELF-CONTAINED OR IF A SINGLE EXTERNAL POWER SOURCE IS SPECIFIED. IF MORE THAN ONE EXTERNAL POWER SOURCE, DO NOT REPLY TO MRC AKWC. THE TYPE OF POWER SOURCE IS IDENTIFIED IN MRCS ACYN, ACZB, FAAZ, ACYR AND ALSF.

| | | | |
|---|---|---|---|
| ALL* (See Note Above) | | | |
| | AKWC | D | ELECTRICAL POWER SOURCE RELATIONSHIP |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Definition: THE RELATIONSHIP OF THE ELECTRICAL POWER SOURCE TO THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKWCDAB*)

A self-contained power source shall be interpreted as being a power source, such as a gasoline or diesel engine generator, or vehicular electrical system when the vehicle utilized as the power source is included in the item.

When the item includes a self-contained power source and the item is also designed for the operation from an external power source, the external power source is considered alternate operating. Under this condition reply only alternate operating.

When the item is powered by external power source(s) only, it is considered operating. When the item is powered solely by internal batteries, these batteries do not constitute a self-contained power source but are considered operating.

| REPLY CODE | REPLY (AH00) |
|---|---|
| AB | ALTERNATE OPERATING |
| AC | OPERATING |
| AD | SELF-CONTAINED |

NOTE FOR MRCS ACYN, ACZB, FAAZ, ACYR AND ALSF: IF OTHER THAN REPLY CODE AD IS ENTERED FOR MRC AKWC, REPLY TO THESE MRCS AS APPLICABLE. SEE APPENDIX C, TABLE 1, FOR SPECIAL SECONDARY ADDRESS CODING INSTRUCTIONS.

ALL* (See Notes Above and Preceding MRC AKWC)

ACYN J AC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF ROOT MEAN SQUARE POTENTIAL FOR WHICH THE ITEM IS RATED.

*Reply Instructions: Enter the applicable ISAC from Appendix A , Table 5, the applicable Reply Codes from Tables 1 and 2, followed by the numeric value. (e.g., ACYN2AAJVB105.0$$JVC115.0*; ACYN2BAJVB110.0$$JVC220.0*)*

Table 1

| REPLY CODE | REPLY (AB63) |
|---|---|
| K | KILOVOLTS |
| U | MICROVOLTS |
| L | MILLIVOLTS |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | | V | VOLTS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL* (See Notes Preceding MRCs AKWC and ACYN)

ACZB J FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH AN ITEM IS RATED.

*Reply Instructions: Enter the applicable I/SAC from Appendix A , Table 5, Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACZB2AAJEB50.0$$JEC60.0*; ACZB2BAJEB70.0$$JEC80.0*)*

Table 1

| REPLY CODE | REPLY (AC32) |
|---|---|
| G | GIGAHERTZ |
| E | HERTZ |
| K | KILOHERTZ |
| M | MEGAHERTZ |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL* (See Notes Preceding MRCs AKWC and ACYN)

FAAZ D PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

*Reply Instructions: Enter the applicable ISAC from Appendix A , Table 5 and Reply Code from the table below. (e.g., FAAZ2AADA$DB*; FAAZ2BADB$DC*)*

| REPLY CODE | REPLY (AD02) |
|---|---|
| A | SINGLE |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | | E | SINGLE/THREE |
| | | C | THREE |
| | | B | TWO |

ALL* (See Notes Preceding MRCs AKWC and ACYN)

ACYR J DC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF DIRECT CURRENT POTENTIAL FOR WHICH THE ITEM IS RATED.

*Reply Instructions: Enter the applicable ISAC from Appendix A , Table 5, the Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACYR2AAJVB6.0$$JVC12.0*; ACYR2BAJVB24.0$$JVC36.0*)*

Table 1

| REPLY CODE | REPLY (AB63) |
|---|---|
| K | KILOVOLTS |
| U | MICROVOLTS |
| L | MILLIVOLTS |
| V | VOLTS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL* (See Notes Preceding MRCs AKWC and ACYN)

ALSF D INTERNAL BATTERY ACCOMMODATION

Definition: AN INDICATION OF WHETHER OR NOT A FACILITY(IES) TO ACCOMMODATE A BATTERY(IES) IS INCLUDED.

*Reply Instructions: Enter the applicable ISAC from Appendix A , Table 5 and the Reply Code from the table below. (e.g., ALSF2AADB*; ALSF2BADC*)*

| REPLY CODE | REPLY (AA49) |
|---|---|
| B | INCLUDED |
| C | NOT INCLUDED |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| ALL* | | | |
| | AKWA | G | JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM NAME |

Definition: THE NAME ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.

Reply Instructions: Enter the reply in clear text. (e.g., AKWAGPUBLIC ADDRESS SET*)

| | | | |
|---|---|---|---|
| ALL* | | | |
| | AKWB | G | JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM TYPE NUMBER |

Definition: THE TYPE NUMBER ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.

Reply Instructions: Enter the reply in clear text. (e.g., AKWBGAN/TIP1A*)

| | | | |
|---|---|---|---|
| CA, CB, CC | | | |
| | ANMH | D | RECORDING TAPE TYPE |

Definition: INDICATES THE TYPE OF RECORDING TAPE USED ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANMHDAAC*; ANMHDAAB$DAAC*)

| REPLY CODE | REPLY (AJ79) |
|---|---|
| A | ANY ACCEPTABLE |
| AAB | CHAD (perforated) |
| AAC | CHADLESS |

| | | | |
|---|---|---|---|
| CA, CB, CC | | | |
| | AGCX | J | TAPE WIDTH |

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE TAPE, IN DISTINCTION FROM THICKNESS.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Code from Tables 1 and 2 below, followed by the numeric value. (e.g., AGCXJAA0.688*; AGCXJLA25.4*; AGCXJAB0.688$$JAC0.875*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA25.4*; ADAVJAB2.375$$JAC2.425*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA25.4*; ABHPJAB7.750$$JAC8.250*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA25.4*; ABMKJAB2.250$$JAC2.750*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA25.4*; ABKWJAB2.250$$JAC2.750*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ABFY J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA25.4*; ABFYJAB2.200$$JAC2.500*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ADUM J OVERALL THICKNESS

Definition: A OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA2.500*; ADUMJLA25.4*; ADUMJAB2.250$$JAC2.750*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

CD*, CE*

ALEG D KEYBOARD TYPE

Definition: INDICATES THE TYPE OF KEYBOARD FURNISHED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALEGDAN*; ALEGDAN$$DAP*)

| REPLY CODE | REPLY (AH35) |
|---|---|
| AK | COMMUNICATIONS |
| AL | EUROPEAN COMMUNICATIONS |
| CQ # | QWERTY ARRANGEMENT |
| AM | SPECIAL COMPUTER |
| AP | WEATHER COMMUNICATIONS |

CD*, CE*

ANMK D TAPE FEED TYPE

Definition: INDICATES THE TYPE OF TAPE FEED USED ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANMKDAAE*; ANMKDAAB$DAAE*)

| REPLY CODE | REPLY (AJ80) |
|---|---|
| A | ANY ACCEPTABLE |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | | AAB | FRICTION |
| | | AAC | LINE |
| | | AAD | PIN |
| | | AAE | SPROCKET |

CD, CE

ANML A CHARACTER QUANTITY PER LINE

Definition: THE NUMBER OF CHARACTERS PER LINE.

Reply Instructions: Enter the quantity. (e.g., ANMLA72*; ANMLA72$A76*)

CD*, CE*

ANMN D KEYBOARD LANGUAGE

Definition: AN INDICATION OF THE LANGUAGE OF THE KEYBOARD.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANMNDAB*; ANMNDAB$DAH*)

| REPLY CODE | REPLY (AH92) |
|---|---|
| AB | ENGLISH |
| AC # | FRENCH |
| AD # | GERMAN |
| AG # | LATIN (latin alphabet) |
| AH | RUSSIAN |

CD, CE

AMQY D INSTALLATION DESIGN

Definition: THE INSTALLATION FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMQYDAN*; AMQYDAN$DAF*)

| REPLY CODE | REPLY (AJ17) |
|---|---|
| A | ANY ACCEPTABLE |
| AN | FIXED STATION |
| AF | PORTABLE |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

CC*, CE*

AFJH G FURNISHED ITEMS

Definition: ITEMS FURNISHED AS ACCESSORIES WHICH ARE NOT SPECIFIED ELSEWHERE.

Reply Instructions: Enter the reply in clear text. (e.g., AFJHGBASE UNIT*)

Separate multiple replies with a semicolon. (e.g., AFJHGFILTER ASSEMBLY; RECEIVER SUBASSEMBLY*)

CC*, CE*

AFHS A ACCESSORY COMPONENT QUANTITY

Definition: THE NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the quantity. (e.g., AFHSA2*)

Enter multiple replies in the same sequence as MRC AFJH using AND coding ($$). (e.g., AFHSA4$$A5*)

CC*, CE*

AKVY G ACCESSORY CONTROLLING AGENCY

Definition: THE NAME OF THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION THAT CONTROLS THE MANUFACTURER OF THE ACCESSORY ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., AKVYGTELETYPE CORP*)

Enter multiple replies in the same sequence as MRC AFJH separated by a semicolon. (e.g., AKVYGAMPEX CORP; SIGNAL CORPS*)

CC*, CE*

AKVZ J ACCESSORY IDENTIFYING NUMBER

Definition: THE SPECIFIC NUMBER USED TO IDENTIFY THE ACCESSORY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the identifying number. (e.g., AKVZJAD164335*)

APP
Key MRC Mode Code Requirements

Enter multiple or optional replies in the same sequence as MRC AFJH using AND/OR coding ($$/$). (e.g., AKVZJACSR049$$JAD12345$JAF12B*)

| REPLY CODE | REPLY (AG99) |
|---|---|
| AB | DRAWING NO. |
| AC | MODEL NO. |
| AD | PART NO. |
| AE | SERIAL NO. |
| AF | TYPE NO. |

CC*, CE*

AJJY A DOCUMENT SOURCE

Definition: THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE GOVERNMENT AGENCY, INDUSTRIAL ORGANIZATION, OR OTHER SOURCE, WHICH CONTROLS THE DOCUMENT.

Reply Instructions: Enter the 5-position government agency or CAGE code. (e.g., AJJYA12345*)

Enter multiple or optional replies using the AND/OR coding. (e.g., AJJYA80058$$A82260$A12345*)

CC*, CE*

AJJZ D DOCUMENT TYPE

Definition: INDICATES THE TYPE OF DOCUMENT BY THE TITLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJJZDAC*; AJJZDAC$$DAG*)

| REPLY CODE | REPLY (AF70) |
|---|---|
| AE | FEDERAL SPECIFICATION |
| AC | MILITARY SPECIFICATION |
| AF | MILITARY STANDARD |
| AH | SUPPLY CATALOG |
| AB | TECHNICAL MANUAL |
| AG | TECHNICAL ORDER |
| AD | TRAINING MANUAL |

CC*, CE*

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | AJKA | A | DOCUMENT IDENTIFICATION |
| | Definition: THE NUMBER OR SYMBOL USED TO IDENTIFY THE DOCUMENT. | | |
| | Reply Instructions: Enter the document number. | | |
| | (e.g., AJKAAAN/TGC-4*) | | |
| | Enter multiple or optional replies in the same sequence as MRC AJJY. | | |
| | (e.g., AJKAAMIL-P-1234$$A31P5-11$ARC128*) | | |
| CC*, CE* | | | |
| | AJKB | A | COMPONENT DOCUMENT PAGE NUMBER |
| | Definition: THE PAGE NUMBER INDICATING THE LOCATION OF THE COMPONENT(S) LISTED IN THE DOCUMENT. | | |
| | Reply Instructions: Enter the page number. (e.g., AJKBA32*; AJKBA123$$A211*) | | |
| CA | | | |
| | ANMQ | A | CHANNEL QUANTITY |
| | Definition: THE NUMBER OF CHANNELS ON THE ITEM. | | |
| | Reply Instructions: Enter the quantity. (e.g., ANMQA3*; ANMQA4$$A5*) | | |
| CA*, CD* #, CE* # | | | |
| | ANZK | G | TRANSMITTING SPEED |
| | Definition: AN INDICATION OF THE SPEED AT WHICH INFORMATION IS TRANSMITTED. | | |
| | Reply Instructions: Enter the reply in clear text. (e.g., ANZKG50 TO 60 WORDS PER MINUTE*) | | |
| | Separate multiple replies with a semicolon. (e.g., ANZKG50 TO 60 WORDS PER MINUTE*; 45.5 BAUDS*) | | |

**SECTION: D**

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| ALL | | | |
| | NAME | D | ITEM NAME |

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED03990*)

| | | | |
|---|---|---|---|
| ALL* | | | |
| | ADAV | J | OVERALL DIAMETER |

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA25.4*; ADAVJAB2.250$$JAC2.550*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

| | | | |
|---|---|---|---|
| ALL* | | | |
| | ABMK | J | OVERALL WIDTH |

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA25.4*; ABMKJAB2.250$$JAC2.750*)

Table 1

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA25.4*; ABKWJAB2.250$$JAC2.750*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ABFY J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA25.4*; ABFYJAB2.250$$JAC2.550*)

Table 1

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA25.4*; ABHPJAB7.750$$JAC8.250*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ADUM J OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA2.500*; ADUMJLA25.4*; ADUMJAB2.250$$JAC2.750*)

Table 1

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

DA*, DB*, DD*, DE*, DF*, DG*, DH*

AKWA G JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM NAME

Definition: THE NAME ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.

Reply Instructions: Enter the reply in clear text. (e.g., AKWAGPUBLIC ADDRESS SET*)

DA*, DB*, DD*, DE*, DF*, DG*, DH*

AKWB G JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM TYPE NUMBER

Definition: THE TYPE NUMBER ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.

Reply Instructions: Enter the reply in clear text. (e.g., AKWBGAN/TIP1A*)

DA, DC*, DE, DF

ALGC G MOUNTING CONFIGURATION

Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE MOUNTING CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., ALGCG4 MTG STUDS ON 1.75 IN. BY 4.00 IN. MTG CTRS*)

DH

ANMQ A CHANNEL QUANTITY

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Definition: THE NUMBER OF CHANNELS ON THE ITEM.

Reply Instructions: Enter the quantity. (e.g., ANMQA12*; ANMQA3$A4*)

DH*

ANMR D CHANNEL SERVICE TYPE

Definition: INDICATES THE TYPE OF SERVICE FOR WHICH THE CHANNEL WAS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANMRDAAD*; ANMRDAAC$$DAAD*)

| REPLY CODE | REPLY (AJ82) |
|---|---|
| AAF | FOUR-WAY VOICE |
| AAB | ONE-WAY CARRIER |
| AAC | ONE-WAY VOICE |
| AAD | TWO-WAY CARRIER |
| AAE | TWO-WAY VOICE |

DB, DH

AMKF J TRANSMITTED SIGNAL FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH THE TRANSMITTED SIGNAL IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AMKFJKA305.0*; AMKFJKB456.0$$JKC504.0*)

When the source document does not cite a transmitted signal frequency rating, change the mode code to K and enter Reply Code N. (e.g., AMKFKN*)

Table 1

| REPLY CODE | REPLY (AC32) |
|---|---|
| E | HERTZ |
| K | KILOHERTZ |
| M | MEGAHERTZ |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | | C | MAXIMUM |

DB, DH

AMKN J RECEIVED SIGNAL FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH THE RECEIVED SIGNAL IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AMKNJKA305.0*; AMKNJKB4.0$$JKC11.8*)

Table 1

| REPLY CODE | REPLY (AC32) |
|---|---|
| E | HERTZ |
| K | KILOHERTZ |
| M | MEGAHERTZ |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

DH*

ANJJ J CHANNEL FREQUENCY SEPARATION

Definition: AN INDICATION OF THE FREQUENCY SPACING BETWEEN CHANNELS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ANJJJE340.0*; ANJJJK1.0$$JK1.5*)

| REPLY CODE | REPLY (AC32) |
|---|---|
| E | HERTZ |
| K | KILOHERTZ |
| M | MEGAHERTZ |

DA, DD*, DH

ANJK F AUDIO FREQUENCY RANGE IN HERTZ

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Definition: THE FREQUENCY RANGE OF AUDIO SIGNALS FOR WHICH THE ITEM IS RATED, EXPRESSED IN HERTZ.

Reply Instructions: Enter the numeric values, separated by a slash. Precede each value with a P. (e.g., ANJKFP200.0/P2800.0*; ANJKFP100.0/P15000.0$$FP50.0/P20000.0*)

NOTE FOR MRCS AKWC, ACYN, ACZB, FAAZ, ACYR AND ALSF: REPLY TO MRC AKWC IF THE SOLE POWER SOURCE IS SELF-CONTAINED OR IF A SINGLE EXTERNAL POWER SOURCE IS SPECIFIED. IF MORE THAN ONE EXTERNAL POWER SOURCE, DO NOT REPLY TO MRC AKWC. THE TYPE OF POWER SOURCE IS IDENTIFIED IN MRCS ACYN, ACZB, FAAZ, ACYR AND ALSF.

ALL* (See Note Above)

AKWC D ELECTRICAL POWER SOURCE RELATIONSHIP

Definition: THE RELATIONSHIP OF THE ELECTRICAL POWER SOURCE TO THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKWCDAB*)

A self-contained power source shall be interpreted as being a power source, such as a gasoline or diesel engine generator, or vehicular electrical system when the vehicle utilized as the power source is included in the item.

When the item includes a self-contained power source and the item is also designed for the operation from an external power source, the external power source is considered alternate operating. Under this condition reply only alternate operating.

When the item is powered by external power source(s) only, it is considered operating. When the item is powered solely by internal batteries, these batteries do not constitute a self-contained power source but are considered operating.

| REPLY CODE | REPLY (AH00) |
|---|---|
| AB | ALTERNATE OPERATING |
| AC | OPERATING |
| AD | SELF-CONTAINED |

APP
Key MRC Mode Code Requirements

NOTE FOR MRCS ACYN, ACZB, FAAZ, ACYR AND ALSF: IF OTHER THAN REPLY CODE AD IS ENTERED FOR MRC AKWC, REPLY TO THESE MRCS AS APPLICABLE. SEE APPENDIX C, TABLE 1, FOR SPECIAL SECONDARY ADDRESS CODING INSTRUCTIONS.

ALL* (See Notes Above and Preceding MRC AKWC)

ACYN J AC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF ROOT MEAN SQUARE POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACYNJVA110.0*;

ACYN2AAJVB110.0$$JVC220.0*

ACYN2BAJVB180.0$$JVC360.0*)

Table 1

| REPLY CODE | REPLY (AB63) |
|---|---|
| K | KILOVOLTS |
| U | MICROVOLTS |
| L | MILLIVOLTS |
| V | VOLTS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL* (See Notes Preceding MRCs AKWC and ACYN)

ACZB J FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH AN ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACZBJEA60.0*; ACZB2AAJEB50.0$$JEC60.0* ACZB2BAJEB70.0$$JEC80.0*)

Table 1

| REPLY CODE | REPLY (AC32) |
|---|---|

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | | G | GIGAHERTZ |
| | | E | HERTZ |
| | | K | KILOHERTZ |
| | | M | MEGAHERTZ |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL* (See Notes Preceding MRCs AKWC and ACYN)

FAAZ D PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDB*; FAAZ2AADA$DB*; FAAZ2BADB$DC*)

| REPLY CODE | REPLY (AD02) |
|---|---|
| A | SINGLE |
| E | SINGLE/THREE |
| C | THREE |
| B | TWO |

ALL* (See Notes Preceding MRCs AKWC and ACYN)

ACYR J DC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF DIRECT CURRENT POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACYRJVA110.0*;

ACYR2AAJVB6.0$$JVC12.0*

ACYR2BAJVB24.0$$JVC36.0*)

Table 1

| REPLY CODE | REPLY (AB63) |
|---|---|
| K | KILOVOLTS |
| U | MICROVOLTS |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | | L | MILLIVOLTS |
| | | V | VOLTS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL* (See Notes Preceding MRCs AKWC and ACYN)

ALSF D INTERNAL BATTERY ACCOMMODATION

Definition: AN INDICATION OF WHETHER OR NOT A FACILITY(IES) TO ACCOMMODATE A BATTERY(IES) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALSFDB*;

ALSF2AADB*

ALSF2BADC*)

| REPLY CODE | REPLY (AA49) |
|---|---|
| B | INCLUDED |
| C | NOT INCLUDED |

DA

ANMT D EQUALIZER TYPE

Definition: INDICATES THE TYPE OF EQUALIZER.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANMTDAAC*; ANMTDAAC$DAAF*)

| REPLY CODE | REPLY (AJ83) |
|---|---|
| AAB | BALANCED |
| AAC | BRIDGED T |
| AAD | L-TYPE |
| AAE | SHUNT |
| AAF | T-TYPE |
| AAG | UNBALANCED |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

DA

AARA A TERMINAL QUANTITY

Definition: THE NUMBER OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AARAA7*; AARAA4$$A6*)

DA*

AARB D TERMINAL TYPE

Definition: INDICATES THE TYPE OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AARBDBQ*; AARBDBE$$DFX*; AARBDFQ$DFW*)

| REPLY CODE | REPLY (AA58) |
|---|---|
| BQ | CONNECTOR, RECEPTACLE |
| FQ | LUG |
| BE | SCREW |
| FW | SOLDER LUG |
| FX | STUD |

DA*, DD*, DG*

ADTV D CASE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CASE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ADTVDME0000*; ADTVDLR0000$$DST0000$DSTD000*)

DG

KRLC H COLOR AND LOCATION

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Definition: A CHARACTERISTIC OF LIGHT THAT CAN BE SPECIFIED IN TERMS OF LUMINANCE, DOMINANT WAVELENGTH, AND PURITY, AND ITS LOCATION ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4, followed by the applicable Reply Code from the table below. (e.g., KRLCHBL0000AAD*; KRLCHBL0000BSE$$HBR0000CVR*)

When the source data specifies one basic color, enter Reply Code AAD from the table below. (e.g., KRLCHBE000AAD*)

When multiple or alternate colors are specified for a single location, give a separate reply for each location using Secondary Address Coding, sequence the Secondary Address Coding replies in Appendix A, Table 4 Reply Code sequence. (e.g., KRLC1BHBL0000BSE$$HBR0000BSE*; KRLC1AHBL0000BSE$HBR0000BSE*)

| REPLY CODE | REPLY (AN73) |
|---|---|
| BSE | BASE |
| CSE | CASE (housing) |
| CVR | COVER |
| FMT | FACE MAT |
| FPL | FACE PLATE |
| AAD | OVERALL (instrument) |

DB

ANMX D MODEM TYPE

Definition: INDICATES THE SPECIFIC TYPE OF MODEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANMXDAAC*; ANMXDAAC$DAAD*)

| REPLY CODE | REPLY (AJ84) |
|---|---|
| AAB | CHANNEL |
| AAC | GROUP |
| AAD | SUBGROUP |
| AAE | SUPERGROUP |

DB

ANPR A CIRCUIT QUANTITY

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Definition: THE NUMBER OF ELECTRICAL PATHS PROVIDED ON THE ITEM.

Reply Instructions: Enter the quantity. (e.g., ANPRA4*; ANPRA3$$A6*)

DB*

ANPS A VOICE CHANNEL QUANTITY PER CIRCUIT

Definition: THE NUMBER OF CHANNELS FOR VOICE COMMUNICATION THAT ARE PROVIDED PER FUNCTION.

Reply Instructions: Enter the quantity. (e.g., ANPSA12*; ANPSA8$$A14*)

DB

ANZM J CARRIER FREQUENCY

Definition: THE VALUE(S) OF THE CARRIER FREQUENCY(IES) WHICH IS MODULATED BY SIGNALS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ANZMJKAB64.0*; ANZMJKAB100.0$$JKAB104.0*)

Table 1

| REPLY CODE | REPLY (AC32) |
|---|---|
| E | HERTZ |
| K | KILOHERTZ |

Table 2

| REPLY CODE | REPLY (AK27) |
|---|---|
| AB | RECEIVING |
| AC | TRANSMITTING |

DB*

ANZK # G TRANSMITTING SPEED

Definition: AN INDICATION OF THE SPEED AT WHICH INFORMATION IS TRANSMITTED.

Reply Instructions: Enter the reply in clear text. (e.g., ANZKGV22(1200/1200BIT5/5)*)

Separate multiple replies with a semicolon. (e.g., ANZKG14400BF5;600BAUD5*)

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

DB*

ANPT # J POWER RATING

Definition: THE AMOUNT OF ELECTRICAL ENERGY THAT CAN BE DISSIPATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ANPTJWA600.0*; ANPTJWB600.0$$JWC650.0*)

Table 1

| REPLY CODE | REPLY (AC33) |
|---|---|
| E | VOLT-AMPERE |
| W | WATTS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

DG

STYL L STYLE DESIGNATOR

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ITEM.

Reply Instructions: Enter the applicable style number from Appendix B , Reference Drawing Group B. (e.g., STYLL24*; STYLL45$L46*)

DG*

BSJT # D ELECTRIC POWER OPERATION METHOD

Definition: THE MEANS BY WHICH ELECTRICITY IS USED TO POWER THE OPERATING MECHANISM OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BSJTDACX*)

| REPLY CODE | REPLY (AC58) |
|---|---|
| CH | ELECTROMECHANICAL |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | | ACX | ELECTRONIC |

DG

ANZN D INCLOSURE LOCKING FACILITY

Definition: AN INDICATION OF WHETHER OR NOT THE INCLOSURE IS FURNISHED WITH A LOCKING FACILITY(IES).

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANZNDF*)

| REPLY CODE | REPLY (AA55) |
|---|---|
| F | FURNISHED |
| N | NOT FURNISHED |

DG

ANPX D TRANSMITTER CURRENT SUPPLY SOURCE

Definition: AN INDICATION OF THE SOURCE OF THE CURRENT UTILIZED BY THE TRANSMITTER.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANPXDAAB*; ANPXDAAB$$DAAC*; ANPXDAAB$DAAC*)

| REPLY CODE | REPLY (AJ93) |
|---|---|
| A | ANY ACCEPTABLE |
| AAB | COMMON BATTERY |
| AAC | LOCAL BATTERY |
| AAD | SOUND POWERED |

DG*

ANPY D INCOMING CALL SIGNAL DEVICE

Definition: THE DEVICE USED TO SIGNAL INCOMING CALLS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANPYDAAD*; ANPYDAAB$$DAAE$DAAD*)

| REPLY CODE | REPLY (AJ94) |
|---|---|

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | | A | ANY ACCEPTABLE |
| | | AAB | BUZZER |
| | | AAC | CHIME |
| | | AAD | EXTERNAL LIGHT |
| | | AAE | LIGHT |
| | | AAF | MAGNETO-HOWLER |
| | | AAG | RINGER |

DG*

ANQA D SIGNAL DEVICE LOCATION

Definition: INDICATES THE LOCATION OF THE SIGNALING DEVICE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANQADAAX*; ANQADAAX$$DAAY*)

| REPLY CODE | REPLY (AJ91) |
|---|---|
| AAX | BASE |
| AAY | SEPARATE BOX |

DG*

ANQB D OUTGOING CALL SIGNAL DEVICE

Definition: THE DEVICE USED TO SIGNAL OUTGOING CALLS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANQBDAAD*; ANQBDAAB$DAAC*)

| REPLY CODE | REPLY (AJ96) |
|---|---|
| A | ANY ACCEPTABLE |
| AAB | BUTTON SWITCH |
| AAC | CRADLE SWITCH |
| AAD | HOOK SWITCH |
| AAE | MAGNETO |

DG

ANZH D DIAL

Definition: AN INDICATION OF WHETHER OR NOT A DIAL IS INCLUDED.

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANZHDB*)

| REPLY CODE | REPLY (AA49) |
|---|---|
| B | INCLUDED |
| C | NOT INCLUDED |

NOTE FOR MRC ANZP: REPLY TO THIS MRC IF REPLY CODE C IS ENTERED FOR MRC ANZH.

DG* (See Note Above)

ANZP D DIAL BLANK

Definition: AN INDICATION OF WHETHER OR NOT A DIAL BLANK IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANZPDB*)

| REPLY CODE | REPLY (AA49) |
|---|---|
| B | INCLUDED |
| C | NOT INCLUDED |

DG*

ANZR A CIRCUIT CONTROL BUTTON QUANTITY

Definition: THE NUMBER OF BUTTONS ON THE ITEM FOR CIRCUIT CONTROL.

Reply Instructions: Enter the quantity. (e.g., ANZRA6*; ANZRA7$A8*)

DG

ANZS D PUSH-TO-TALK SWITCH

Definition: AN INDICATION OF WHETHER OR NOT A PUSH-TO-TALK SWITCH IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANZSDB*)

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

| REPLY CODE | REPLY (AA49) |
|---|---|
| B | INCLUDED |
| C | NOT INCLUDED |

DF

AMWM D ACTION TYPE

Definition: INDICATES THE TYPE OF ACTION PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMWMDAF*; AMWMDAD$DAE*)

| REPLY CODE | REPLY (AJ27) |
|---|---|
| AD | PLUNGER |
| AE | ROTARY |
| AF | TWO-MOTION |

DF*

APBL A TWO-MOTION POINT COUNT

Definition: THE POINT COUNT OF A TWO-MOTION ITEM.

Reply Instructions: Enter the numeric value. (e.g., APBLA300*; APBLA200$A400*)

DF*

AFZC D FUNCTION FOR WHICH DESIGNED

Definition: THE SPECIFIC PURPOSE FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFZCDBA*; AFZCDBA$DBB*)

| REPLY CODE | REPLY (AE74) |
|---|---|
| BA | BRIDGED RINGING, RESTRICTED SERVICE |
| BB | RESTRICTED SERVICE |
| BC | SINGLE PARTY, TO FIND AND CONNECT STARTING SIGNAL |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

DF*

APBM A BANK QUANTITY

Definition: THE NUMBER OF BANKS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., APBMA3*; APBMA4$$A6*)

DF*

AFRA A CONTACT QUANTITY

Definition: THE NUMBER OF CONTACTS WHICH PROVIDE ELECTRICAL CONNECTION.

Reply Instructions: Enter the quantity. (e.g., AFRAA100*; AFRAA200$$A400*)

DF

APBN D WIPING CONTACT DIRECTION

Definition: AN INDICATION OF THE WIPING CONTACT DIRECTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APBNDA*; APBNDA$$DB*)

| REPLY CODE | REPLY (AA99) |
|---|---|
| A | HORIZONTAL |
| B | VERTICAL |

DF*

APBP A WIPING CONTACT QUANTITY

Definition: THE NUMBER OF WIPING CONTACTS CONTAINED IN THE ITEM.

Reply Instructions: Enter the quantity. (e.g., APBPA8*; APBPA1$$A3*)

DF*

APBR J DC OPERATING VOLTAGE RATING IN VOLTS

Definition: THE VALUE(S) OF DIRECT CURRENT POTENTIAL WHICH MUST BE APPLIED TO THE ITEM FOR OPERATION, EXPRESSED IN VOLTS.

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., APBRJA50.0*; APBRJB45.0$$JC55.0*)

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

DC

APBS A TWO-WIRE CIRCUIT QUANTITY

Definition: THE NUMBER OF TWO-WIRE CIRCUITS ON THE ITEM.

Reply Instructions: Enter the quantity. (e.g., APBSA4*; APBSA6$$A8*)

DC

APBT D CIRCUIT TYPE

Definition: INDICATES THE SPECIFIC TYPE OF CIRCUIT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APBTDAAC*; APBTDAAB$DAAC*)

| REPLY CODE | REPLY (AK33) |
|---|---|
| AAB | CARRIER |
| AAC | VOICE FREQUENCY |

NOTE FOR MRC APBW: IF REPLY CODE AAB IS ENTERED FOR MRC APBT, REPLY TO MRC APBW.

DC* (See Note Above)

APBW J CIRCUIT FREQUENCY RANGE

Definition: THE FREQUENCY RANGE OF THE CIRCUIT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values, separated by a slash. Precede each value with a P. (e.g., APBWJEP60.0/P4300.0*; APBWJEP100.0/P2500.0$$JEP50.0/P5000.0*)

| REPLY CODE | REPLY (AC32) |
|---|---|

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | | E | HERTZ |
| | | K | KILOHERTZ |
| | | M | MEGAHERTZ |

NOTE FOR MRCS APBX, APBY, AHGU AND APBZ: REPLY FOR AUXILIARY CIRCUITS ONLY.

DC* (See Note Above)

APBX D RINGING SIGNAL ACTION

Definition: AN INDICATION OF THE RINGING SIGNAL ACTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APBXDAAC*; APBXDAAB$DAAC*)

| REPLY CODE | REPLY (AK34) |
|---|---|
| AAB | BY-PASS |
| AAC | TERMINATION |

DC* (See Note Preceding MRC APBX)

APBY D PHANTOM CIRCUIT ACTION

Definition: AN INDICATION OF THE PHANTOM CIRCUIT ACTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APBYDAAB*; APBYDAAB$DAAC*)

| REPLY CODE | REPLY (AK34) |
|---|---|
| AAB | BY-PASS |
| AAC | TERMINATION |

DC* (See Note Preceding MRC APBX)

AHGU D PROTECTOR TYPE

Definition: INDICATES THE TYPE OF PROTECTOR PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHGUDAR*; AHGUDAN$DAR*)

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

| REPLY CODE | REPLY (AF34) |
|---|---|
| AN | CARBON BLOCK |
| AP | GASEOUS |
| AQ | VARISTOR |
| AR | ZENER DIODE |

DC* (See Note Preceding MRC APBX)

APBZ D BUILDING-OUT NETWORK FACILITY PROVISION

Definition: AN INDICATION OF THE BUILDING-OUT NETWORK FACILITY(IES) PROVISION ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APBZDAB*; APBZDAB$DAC*)

| REPLY CODE | REPLY (AK35) |
|---|---|
| AB | INCLUDED |
| AC | PROVIDED FOR |

DC

APCB D PORTABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE ITEM IS PORTABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APCBDP*; APCBDP$DM*)

| REPLY CODE | REPLY (AK36) |
|---|---|
| M | NONPORTABLE |
| P | PORTABLE |

DE

APKS D RINGER TYPE

Definition: INDICATES THE SPECIFIC TYPE OF RINGER.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APKSDAAC*; APKSDAAB$DAAD*)

APP
Key MRC Mode Code Requirements

| REPLY CODE | REPLY (AK67) |
|---|---|
| AAB | BIASED |
| AAC | HARMONIC |
| AAD | NONBIASED |

NOTE FOR MRC APLF: IF REPLY CODE AAC IS ENTERED FOR MRC APKS, REPLY TO MRC APLF.

DE* (See Note Above)

APLF B OPERATING FREQUENCY IN HERTZ

Definition: THE SPECIFIC FREQUENCY AT WHICH THE ITEM OPERATES, EXPRESSED IN HERTZ.

Reply Instructions: Enter the numeric value. (e.g., APLFB30.0*; APLFB10.0$B20.0*)

DE

APLG D ARMATURE ADJUSTABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE ARMATURE IS ADJUSTABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APLGDA*; APLGDA$DC*)

| REPLY CODE | REPLY (AB00) |
|---|---|
| A | ADJUSTABLE |
| C | NONADJUSTABLE |

DE

APBQ D INCLOSURE

Definition: AN INDICATION OF WHETHER OR NOT AN INCLOSURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APBQDB*)

| REPLY CODE | REPLY (AA49) |
|---|---|
| B | INCLUDED |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | | C | NOT INCLUDED |

DE*

APLH J GONG DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A GONG, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., APLHJA1.875*; APLHJL47.6*; APLHJA4.500$JA5.000*)

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

DD

APLJ D REPEATER TYPE

Definition: INDICATES THE SPECIFIC TYPE OF REPEATER.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APLJDAAB*; APLJDAAB$DAAG*)

| REPLY CODE | REPLY (AJ83) |
|---|---|
| AAB | BALANCED |
| AAG | UNBALANCED |

DD*

ANLC A FREQUENCY BAND QUANTITY

Definition: THE NUMBER OF SPECIFIED RANGES OF FREQUENCIES OR WAVELENGTHS OPERATING BETWEEN TWO STATED LIMITS.

Reply Instructions: Enter the quantity. (e.g., ANLCA2*; ANLCA3$$A4*)

DD*

APLK A REPEATER CHANNEL QUANTITY

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Definition: THE NUMBER OF CHANNELS ON THE REPEATER.

Reply Instructions: Enter the quantity. (e.g., APLKA3*; APLKA5$$A6*)

DD*

APLL J CHANNEL FREQUENCY RANGE IN HERTZ

Definition: THE FREQUENCY RANGE OF THE CHANNEL(S) ON THE ITEM, EXPRESSED IN HERTZ.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values, separated by a slash. Precede each value with a P. (e.g., APLLJLP9000.0/P11000.0*; APLLJLP8000.0/P10000.0$$JLP12000.0/P14000.0*)

| REPLY CODE | REPLY (AC60) |
|---|---|
| L | EAST TO WEST |
| M | WEST TO EAST |

DB*, DD*

APLM A CARRIER SYSTEM WIRE QUANTITY

Definition: THE NUMBER OF WIRES ON THE CARRIER SYSTEM.

Reply Instructions: Enter the quantity. (e.g., APLMA2*; APLMA2$A4*)

DD

APLN D ORDER WIRE FACILITY

Definition: AN INDICATION OF WHETHER OR NOT AN ORDER WIRE FACILITY(IES) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APLNDB*)

| REPLY CODE | REPLY (AA49) |
|---|---|
| B | INCLUDED |
| C | NOT INCLUDED |

DD

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | APLP | D | MONITORING FACILITY |

Definition: AN INDICATION OF WHETHER OR NOT A MONITORING FACILITY(IES) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APLPDC*)

| REPLY CODE | REPLY (AA49) |
|---|---|
| B | INCLUDED |
| C | NOT INCLUDED |

DD*

| | | | |
|---|---|---|---|
| | APQA | B | OVERALL GAIN IN DECIBELS |

Definition: THE AMOUNT OF OVERALL INCREASE IN POWER, EXPRESSED IN DECIBELS.

Reply Instructions: Enter the numeric value. (e.g., APQAB46.0*; APQAB53.0$B55.0*)

DD

| | | | |
|---|---|---|---|
| | APQB | D | UNIT TYPE |

Definition: INDICATES THE TYPE OF UNIT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APQBDAAB*; APQBDAAB$$DAAC*)

| REPLY CODE | REPLY (AK95) |
|---|---|
| AAB | PRIMARY |
| AAC | SECONDARY |

DD*

| | | | |
|---|---|---|---|
| | AFJH | G | FURNISHED ITEMS |

Definition: ITEMS FURNISHED AS ACCESSORIES WHICH ARE NOT SPECIFIED ELSEWHERE.

Reply Instructions: Enter the reply in clear text. (e.g., AFJHGJUNCTION BOX*)

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Separate multiple replies with a semicolon. (e.g., AFJHGCABLE ASSEMBLY;RECEIVER SUBASSEMBLY*)

DD*

AFHS A ACCESSORY COMPONENT QUANTITY

Definition: THE NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the quantity. (e.g., AFHSA1*)

Enter multiple replies in the same sequence as MRC AFJH using AND coding ($$). (e.g., AFHSA4$$A5*)

DD*

AKVY G ACCESSORY CONTROLLING AGENCY

Definition: THE NAME OF THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION THAT CONTROLS THE MANUFACTURE OF THE ACCESSORY ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., AKVYGJETDS*)

Enter multiple replies in the same sequence as MRC AFJH, separated by a semicolon. (e.g., AKVYGAMPEX CORP;SIGNAL CORPS*)

DD*

AKVZ J ACCESSORY IDENTIFYING NUMBER

Definition: THE SPECIFIC NUMBER USED TO IDENTIFY THE ACCESSORY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the identifying number. (e.g., AKVZJAFTM106*)

Enter multiple or optional replies in the same sequence as MRC AFJH using AND/OR coding ($$/$). (e.g., AKVZJACSR049$$JAD12345$JAF12B*)

| REPLY CODE | REPLY (AG99) |
|---|---|
| AB | DRAWING NO. |
| AC | MODEL NO. |
| AD | PART NO. |
| AE | SERIAL NO. |
| AF | TYPE NO. |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

DD*

AJJY A DOCUMENT SOURCE

Definition: THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE GOVERNMENT AGENCY, INDUSTRIAL ORGANIZATION, OR OTHER SOURCE, WHICH CONTROLS THE DOCUMENT.

Reply Instructions: Enter the 5-position government agency or CAGE code. (e.g., AJJYA12345*)

Enter multiple or optional replies using AND/OR coding. (e.g., AJJYA80058$$A82260$A12345*)

DD*

AJJZ D DOCUMENT TYPE

Definition: INDICATES THE TYPE OF DOCUMENT BY THE TITLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJJZDAE*; AJJZDAC$$DAG*)

| REPLY CODE | REPLY (AF70) |
|---|---|
| AE | FEDERAL SPECIFICATION |
| AC | MILITARY SPECIFICATION |
| AF | MILITARY STANDARD |
| AH | SUPPLY CATALOG |
| AJ | SUPPLY MANUAL |
| AB | TECHNICAL MANUAL |
| AG | TECHNICAL ORDER |
| AD | TRAINING MANUAL |

DD*

AJKA A DOCUMENT IDENTIFICATION

Definition: THE NUMBER OR SYMBOL USED TO IDENTIFY THE DOCUMENT.

Reply Instructions: Enter the document number.

(e.g., AJKAATA-465/GTC-9*)

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Enter multiple or optional replies in the same sequence as MRC AJJY.

(e.g., AJKAAMIL-P-1234$$A31P5-11$ARC128*)

DD*

AJKB A COMPONENT DOCUMENT PAGE NUMBER

Definition: THE PAGE NUMBER INDICATING THE LOCATION OF THE COMPONENT(S) LISTED IN THE DOCUMENT.

Reply Instructions: Enter the page number. (e.g., AJKBA3*; AJKBA123$$A211*)

DB*

APQP # D LOOP OPERATION TYPE

Definition: INDICATES THE SPECIFIC TYPE OF LOOP OPERATION REQUIRED.

Reply Instruction: Enter the applicable Reply Code from the table below. (e.g., APQPDAAC*; APQPDAAB$DAAC*)

| REPLY CODE | REPLY (AK71) |
|---|---|
| AAB | FULL DUPLEX |
| AAC | HALF DUPLEX |

NOTE FOR MRC CBBL: E MODE REPLIES WILL NOT BE ACCEPTABLE IN REPLY TO MRC CBBL. IF A REPLY IS NOT ON THE TABLE, ENTER THE FEATURE IN REPLY TO MRC FEAT.

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDDJH*)

| REPLY CODE | REPLY (AN47) |
|---|---|
| DJH | ADJUSTABLE AMPLIFIER |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | | DJJ | ADJUSTABLE RINGER |
| | | DJK | KEYBOARD MEMORIES FOR NUMBERS |
| | | DJL | LAST NUMBER AUTOMATIC RECALL (occupied number data recording) |
| | | DJM | LOUDSPEAKER |
| | | DJN | NATIONAL TELECOMMUNICATIONS APPROVAL |
| | | DJP | PAUSE BUTTON |
| | | DJQ | RINGER SWITCH |
| | | DJR | SECRET BUTTON |
| | | DJS | WIRELESS TELEPHONY |

DB*

CZGE # D TRANSMISSION MODE

Definition: THE TRANSMISSION MODE USED ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CZGEDAAC*)

| REPLY CODE | REPLY (AJ71) |
|---|---|
| AAQ | NONSYNCHRONOUS |
| AAC | SYNCHRONOUS |

DB*

CZGF # D LINK TYPE

Definition: INDICATES THE TYPE OF LINK

Reply Instruction: Enter the applicable Reply Code from the table below. (e.g., CZGFDAAR)*

| REPLY CODE | REPLY (AJ71) |
|---|---|
| AAQ | MULTIPOINT |
| AAR | POINT TO POINT |

NOTE FOR MRC CBBL: E MODE REPLIES WILL NOT BE ACCEPTABLE IN REPLY TO MRC CBBL. IF A REPLY IS NOT ON THE TABLE, ENTER THE FEATURE IN REPLY TO MRC FEAT.

ALL*

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | CBBL | D | FEATURES PROVIDED |

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

| REPLY CODE | REPLY (AN47) |
|---|---|
| FNY | ROHS DIRECTIVE COMPLIANCE |

**SECTION: E**

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| ALL | | | |
| | NAME | D | ITEM NAME |

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED00157*)

| | | | |
|---|---|---|---|
| ALL* | | | |
| | ADAV | J | OVERALL DIAMETER |

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA25.4*; ADAVJAB2.250$$JAC2.500*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

| | | | |
|---|---|---|---|
| ALL* | | | |
| | ABHP | J | OVERALL LENGTH |

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA25.4*; ABHPJAB7.750$$JAC8.250*)

Table 1

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA25.4*; ABMKJAB2.250$$JAC2.750*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA25.4*; ABKWJAB2.250$$JAC2.750*)

Table 1

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ABFY J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA25.4*; ABFYJAB2.250$$JAC2.500*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ADUM J OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA2.500*; ADUMJLA25.4*; ADUMJAB2.250$$JAC2.750*)

Table 1

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

AKWA G JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM NAME

Definition: THE NAME ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.

Reply Instructions: Enter the reply in clear text. (e.g., AKWAGPUBLIC ADDRESS SET*)

ALL*

AKWB G JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM TYPE NUMBER

Definition: THE TYPE NUMBER ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.

Reply Instructions: Enter the reply in clear text. (e.g., AKWBGAN/TIP1A*)

NOTE FOR MRCS AKWC, ACYN, ACZB, FAAZ, ACYR AND ALSF: REPLY TO MRC AKWC IF THE SOLE POWER SOURCE IS SELF-CONTAINED OR IF A SINGLE EXTERNAL POWER SOURCE IS SPECIFIED. IF MORE THAN ONE EXTERNAL POWER SOURCE, DO NOT REPLY TO MRC AKWC. THE TYPE OF POWER SOURCE IS IDENTIFIED IN MRCS ACYN, ACZB, FAAZ, ACYR AND ALSF.

ALL* (See Note Above)

AKWC D ELECTRICAL POWER SOURCE RELATIONSHIP

Definition: THE RELATIONSHIP OF THE ELECTRICAL POWER SOURCE TO THE ITEM.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKWCDAB*)

A self-contained power source shall be interpreted as being a power source, such as a gasoline or diesel engine generator, or vehicular electrical system when the vehicle utilized as the power source is included in the item.

When the item includes a self-contained power source and the item is also designed for the operation from an external power source, the external power source is considered alternate operating. Under this condition reply only alternate operating.

When the item is powered by external power source(s) only, it is considered operating. When the item is powered solely by internal batteries, these batteries do not constitute a self-contained power source but are considered operating.

| REPLY CODE | REPLY (AH00) |
|---|---|
| AB | ALTERNATE OPERATING |
| AC | OPERATING |
| AD | SELF-CONTAINED |

NOTE FOR MRCS ACYN, ACZB, FAAZ, ACYR AND ALSF: IF OTHER THAN REPLY CODE AD IS ENTERED FOR MRC AKWC, REPLY TO THESE MRCS. SEE APPENDIX C, TABLE 1, FOR SPECIAL SECONDARY ADDRESS CODING INSTRUCTIONS.

ALL* (See Notes Above and Preceding MRC AKWC)

ACYN J AC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF ROOT MEAN SQUARE POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACYNJVA110.0*; ACYN2AAJVB110.0$$JVC220.0*; ACYN2BAJVB180.0$$JVC360.0*)

Table 1

| REPLY CODE | REPLY (AB36) |
|---|---|
| K | KILOVOLTS |
| U | MICROVOLTS |
| L | MILLIVOLTS |
| V | VOLTS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | | A | NOMINAL |
| | | B | MINIMUM |
| | | C | MAXIMUM |

ALL* (See Notes Preceding MRCs AKWC and ACYN)

ACZB J FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH AN ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACZBJEA60.0*; ACZB2AAJEB50.0$$JEC60.0*; ACZB2BAJEB70.0$$JEC80.0*)

Table 1

| REPLY CODE | REPLY (AC32) |
|---|---|
| G | GIGAHERTZ |
| E | HERTZ |
| K | KILOHERTZ |
| M | MEGAHERTZ |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL* (See Notes Preceding MRCs AKWC and ACYN)

FAAZ D PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDB*; FAAZ2AADA$DB*; FAAZ2BADB$DC*)

| REPLY CODE | REPLY (AD02) |
|---|---|
| A | SINGLE |
| E | SINGLE/THREE |
| C | THREE |
| B | TWO |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

ALL* (See Notes Preceding MRCs AKWC and ACYN)

ACYR J DC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF DIRECT CURRENT POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACYRJVA110.0*; ACYR2AAJVB6.0$$JVC12.0*; ACYR2BAJVB24.0$$JVC36.0*)

Table 1

| REPLY CODE | REPLY (AB63) |
|---|---|
| K | KILOVOLTS |
| U | MICROVOLTS |
| L | MILLIVOLTS |
| V | VOLTS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL* (See Notes Preceding MRCs AKWC and ACYN)

ALSF D INTERNAL BATTERY ACCOMMODATION

Definition: AN INDICATION OF WHETHER OR NOT A FACILITY(IES) TO ACCOMMODATE A BATTERY(IES) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALSFDB*; ALSF2AADB*; ALSF2BADC*)

| REPLY CODE | REPLY (AA49) |
|---|---|
| B | INCLUDED |
| C | NOT INCLUDED |

EA, ED

APQC D ACTIVATION METHOD

Definition: THE MEANS USED TO ACTIVATE THE ITEM.

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APQCDCF*; APQCDCF$DCL*)

| REPLY CODE | REPLY (AC58) |
|---|---|
| CF | MANUAL |
| CL | SEMIAUTOMATIC |

EA

APQD D CIRCUIT CLOSER SWITCH

Definition: AN INDICATION OF WHETHER OR NOT A CIRCUIT CLOSER SWITCH IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APQDDB*)

| REPLY CODE | REPLY (AB22) |
|---|---|
| C | NOT PROVIDED |
| B | PROVIDED |

EA, ED

AFRA A CONTACT QUANTITY

Definition: THE NUMBER OF CONTACTS WHICH PROVIDE ELECTRICAL CONNECTION.

Reply Instructions: Enter the quantity. (e.g., AFRAA2*; AFRAA3$$A4*)

EA*, ED*

APQE J CONTACT SURFACE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CONTACT SURFACE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., APQEJA0.125*; APQEJL25.4*; APQEJA0.125$$JA0.187*)

| REPLY CODE | REPLY (AA05) |
|---|---|

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | | A | INCHES |
| | | L | MILLIMETERS |

EA*, ED*

AFRG D CONTACT MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CONTACT(S) IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., AFRGDTN0000*; AFRGDAG0000$$DAGS000$DZN0000*)

EA

AESH D BASE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE BASE IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., AESHDSTD000*; AESHDBR0000$$DST0000$DSTD000*)

EA*

SHPE D SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., SHPEDAR*; SHPEDAR$DRD*)

| REPLY CODE | REPLY (AD07) |
|---|---|
| AR | ELLIPTICAL |
| RT | RECTANGULAR |
| RD | ROUND |

EA*

ACTU J BASE OVERALL LENGTH

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Definition: THE OVERALL DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE BASE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ACTUJA3.625*; ACTUJL25.4*; ACTUJA4.750$JA5.000*)

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

EA*

ACTV J BASE WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF A BASE, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ACTVJA3.000*; ACTVJL25.4*; ACTVJA4.250$JA4.500*)

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

EA*

ADJH D MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADJHDAN*; ADJHDMY$$DMZ$DAN*)

| REPLY CODE | REPLY (AB89) |
|---|---|
| MX | CLIP BOARD |
| MY | LEG CLIP |
| MZ | LEG STRAP |
| AN | SCREW |
| NA | SUCTION CUP |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| EA* | | | |
| | ALGC | G | MOUNTING CONFIGURATION |

Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE MOUNTING CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., ALGCG3 HOLES FOR NO. 4 WOOD SCREW IRREGULARLY SPACED*)

EA, ED

| | | |
|---|---|---|
| APQF | D | CORD SET |

Definition: AN INDICATION OF WHETHER OR NOT A CORD SET IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APQFDB*)

| REPLY CODE | REPLY (AA49) |
|---|---|
| B | INCLUDED |
| C | NOT INCLUDED |

EA

| | | |
|---|---|---|
| AFJU | D | CARRYING CASE |

Definition: AN INDICATION OF WHETHER OR NOT A CONTAINER FROM WHICH THE ITEM IS COMPLETELY REMOVABLE IN NORMAL OPERABLE CONDITION IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFJUDC*)

| REPLY CODE | REPLY (AB22) |
|---|---|
| C | NOT PROVIDED |
| B | PROVIDED |

EC, ED

| | | |
|---|---|---|
| APQG | D | MULTIPLEXING METHOD |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Definition: THE TRANSMITTING METHOD WHICH IDENTIFIES THE FUNCTIONAL DESIGN OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APQGDAB*; APQGDAB$DAC*)

| REPLY CODE | REPLY (AK68) |
|---|---|
| AB | FREQUENCY DIVISION |
| AC | TIME DIVISION |

NOTE FOR MRCS APQH, APQJ, APQK, ANJJ, ANZK AND APQL: IF REPLY CODE AB IS ENTERED FOR MRC APQG, REPLY TO MRCS APQH, APQJ, APQK, ANJJ AND ANZK. IF REPLY CODE AC IS ENTERED FOR MRC APQG, REPLY TO MRCS APQH, APQJ, ANZK AND APQL.

EC*, ED* (See Note Above)

APQH A TOTAL CHANNEL QUANTITY

Definition: THE TOTAL NUMBER OF CHANNELS ON THE ITEM.

Reply Instructions: Enter the quantity. (e.g., APQHA10*; APQHA11$A12*)

EC*, ED* (See Note Preceding MRC APQH)

APQJ J CHANNEL TYPE AND QUANTITY

Definition: INDICATES THE TYPE AND NUMBER OF CHANNELS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the quantity. (e.g., APQJJAB5*; APQJJAB3$$JAC4*)

| REPLY CODE | REPLY (AK27) |
|---|---|
| AB | RECEIVING |
| AC | TRANSMITTING |

EC*, ED* (See Note Preceding MRC APQH)

APQK F CHANNEL FREQUENCY RANGE IN HERTZ

Definition: THE FREQUENCY RANGE OF THE CHANNEL(S), EXPRESSED IN HERTZ.

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Reply Instructions: Enter the numeric value, separated by a slash. Precede minus values with an M and positive values with a P. (e.g., APQKFM500.0/P2480.0*; APQKFP100.0/P1500.0$$FP2000.0/P4000.0*)

EC*, ED* (See Note Preceding MRC APQH)

ANJJ J CHANNEL FREQUENCY SEPARATION

Definition: AN INDICATION OF THE FREQUENCY SPACING BETWEEN CHANNELS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ANJJJE170.0*; ANJJJE340.0$$JE425.0*)

| REPLY CODE | REPLY (AC32) |
|---|---|
| E | HERTZ |
| K | KILOHERTZ |
| M | MEGAHERTZ |

EC*, ED* (See Note Preceding MRC APQH)

ANZK G TRANSMITTING SPEED

Definition: AN INDICATION OF THE SPEED AT WHICH INFORMATION IS TRANSMITTED.

Reply Instructions: Enter the reply in clear text. (e.g., ANZKG60 OR 75 WORDS PER MINUTE*)

EC*, ED* (See Note Preceding MRC APQH)

APQL J FREQUENCY BAND WIDTH

Definition: THE DIFFERENCE BETWEEN LIMITING FREQUENCIES OF A FREQUENCY BAND.

Reply Instructions: Enter the applicable Reply Code from Tables 1 and 2 below, followed by the numeric value. (e.g., APQLJEA1000.0*; APQLJKB2.7$$JKC3.0*)

Table 1

| REPLY CODE | REPLY (AC32) |
|---|---|
| E | HERTZ |
| K | KILOHERTZ |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

EC

APQM D LINE TERMINATION TYPE

Definition: INDICATES THE SPECIFIC TYPE OF LINE TERMINATION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APQMDAY*; APQMDAY$DAZ*)

| REPLY CODE | REPLY (AE79) |
|---|---|
| A | ANY ACCEPTABLE |
| AZ | FOUR-WIRE |
| AY | TWO-WIRE |

EC, ED

APQN D LOOP ACTUATION CURRENT TYPE

Definition: INDICATES THE TYPE OF CURRENT WHICH ACTUATES THE LOOP.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APQNDB*; APQNDB$DC*)

| REPLY CODE | REPLY (AB62) |
|---|---|
| B | AC |
| C | DC |

EC*

APQP D LOOP OPERATION TYPE

Definition: INDICATES THE SPECIFIC TYPE OF LOOP OPERATION REQUIRED.

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APQPDAAC*; APQPDAAB$DAAC*)

| REPLY CODE | REPLY (AK71) |
|---|---|
| AAB | FULL DUPLEX |
| AAC | HALF DUPLEX |
| AAD | NEUTRAL |
| AAE | POLAR |

EC*

APQR D LOOP SELECTION DEVICE

Definition: THE DEVICE USED IN LOOP SELECTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APQRDBP*; APQRDBP$DBQ*)

| REPLY CODE | REPLY (AH83) |
|---|---|
| BQ | LINK |
| BP | SWITCH |

EB*

APQT G OPERATIONAL SPEED

Definition: THE NARRATIVE EXPRESSION INDICATING THE SPEED AT WHICH THE ITEM OPERATES.

Reply Instructions: Enter the reply in clear text. (e.g., APQTGONE ELECTRICAL CONTACT PER SECOND*)

EB*

APQW J FLASHING CYCLE

Definition: THE SEQUENCE OF THE FLASHING CYCLE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., APQWJAAB130.0*; APQWJAAB60.0$$JAAC60.0*)

| REPLY CODE | REPLY (AK72) |
|---|---|
| AAC | DEGREES OFF |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | | AAB | DEGREES ON |
| | | AAE | SECONDS OFF |
| | | AAD | SECONDS ON |

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

| REPLY CODE | REPLY (AN47) |
|---|---|
| FNY | ROHS DIRECTIVE COMPLIANCE |

EB

APQX D SPECIAL CODING

Definition: AN INDICATION OF WHETHER OR NOT SPECIAL CODING IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APQXDB*)

| REPLY CODE | REPLY (AB22) |
|---|---|
| C | NOT PROVIDED |
| B | PROVIDED |

EB

APQY D KEYING METHOD

Definition: THE MEANS USED FOR KEYING.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., APQYDCD*; APQYDBZ$DCA*)

**SECTION: F**

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| ALL | | | |
| | NAME | D | ITEM NAME |
| | Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN. | | |
| | Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED06613*) | | |
| ALL* | | | |
| | AKWA | G | JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM NAME |
| | Definition: THE NAME ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM. | | |
| | Reply Instructions: Enter the reply in clear text. (e.g., AKWAGPUBLIC ADDRESS SET*) | | |
| ALL* | | | |
| | AKWB | G | JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM TYPE NUMBER |
| | Definition: THE TYPE NUMBER ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM. | | |
| | Reply Instructions: Enter the type number. (e.g., AKWBGAN/TIP1A*) | | |

NOTE FOR MRCS AKWC, ACYN, ACZB, FAAZ, ACYR AND ALSF: REPLY TO MRC AKWC IF THE SOLE POWER SOURCE IS SELF-CONTAINED OR IF A SINGLE EXTERNAL POWER SOURCE IS SPECIFIED. IF MORE THAN ONE EXTERNAL POWER SOURCE, DO NOT REPLY TO MRC AKWC. THE TYPE OF POWER SOURCE IS IDENTIFIED IN MRCS ACYN, ACZB, FAAZ, ACYR AND ALSF.

| | | | |
|---|---|---|---|
| ALL* (See Note Above) | | | |
| | AKWC | D | ELECTRICAL POWER SOURCE RELATIONSHIP |
| | Definition: THE RELATIONSHIP OF THE ELECTRICAL POWER SOURCE TO THE ITEM. | | |

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKWCDAB*)

A self-contained power source shall be interpreted as being a power source, such as a gasoline or diesel engine generator, or vehicular electrical system when the vehicle utilized as the power source is included in the item.

When the item includes a self-contained power source and the item is also designed for the operation from an external power source, the external power source is considered alternate operating. Under this condition reply only alternate operating.

When the item is powered by external power source(s) only, it is considered operating. When the item is powered solely by internal batteries, these batteries do not constitute a self-contained power source but are considered operating.

| REPLY CODE | REPLY (AH00) |
|---|---|
| AB | ALTERNATE OPERATING |
| AC | OPERATING |
| AD | SELF-CONTAINED |

NOTE FOR MRCS ACYN, ACZB, FAAZ, ACYR AND ALSF: IF OTHER THAN REPLY CODE AD IS ENTERED FOR MRC AKWC, REPLY TO THESE MRCS AS APPLICABLE. SEE APPENDIX C, TABLE 1, FOR SPECIAL SECONDARY ADDRESS CODING INSTRUCTIONS.

ALL* (See Notes Above and Preceding MRC AKWC)

ACYN J AC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF ROOT MEAN SQUARE POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACYNJVA110.0*; ACYN2AAJVB110.0$$JVC220.0*; ACYN2BAJVB180.0$$JVC360.0*)

Table 1

| REPLY CODE | REPLY (AB63) |
|---|---|
| K | KILOVOLTS |
| U | MICROVOLTS |
| L | MILLIVOLTS |
| V | VOLTS |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL* (See Notes Preceding MRCs AKWC and ACYN)

ACZB J FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH AN ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACZBJEA60.0*; ACZB2AAJEB50.0$$JEC60.0*; ACZB2BAJEB70.0$$JEC80.0*)

Table 1

| REPLY CODE | REPLY (AC32) |
|---|---|
| G | GIGAHERTZ |
| E | HERTZ |
| K | KILOHERTZ |
| M | MEGAHERTZ |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL* (See Notes Preceding MRCs AKWC and ACYN)

FAAZ D PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDB*; FAAZ2AADA$DB*; FAAZ2BADB$DC*)

| REPLY CODE | REPLY (AD02) |
|---|---|
| A | SINGLE |
| E | SINGLE/THREE |
| C | THREE |
| B | TWO |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

ALL* (See Notes Preceding MRCs AKWC and ACYN)

ACYR J DC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF DIRECT CURRENT POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACYRJVA110.0*; ACYR2AAJVB6.0$$JVC12.0*; ACYR2BAJVB24.0$$JVC36.0*)

Table 1

| REPLY CODE | REPLY (AB36) |
|---|---|
| K | KILOVOLTS |
| U | MICROVOLTS |
| L | MILLIVOLTS |
| V | VOLTS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL* (See Notes Preceding MRCs AKWC and ACYN)

ALSF D INTERNAL BATTERY ACCOMMODATION

Definition: AN INDICATION OF WHETHER OR NOT A FACILITY(IES) TO ACCOMMODATE A BATTERY(IES) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALSFDB*; ALSF2AADB*; ALSF2BADC*)

| REPLY CODE | REPLY (AA49) |
|---|---|
| B | INCLUDED |
| C | NOT INCLUDED |

ALL*

ADAV J OVERALL DIAMETER

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA25.4*; ADAVJAB2.250$$JAC2.500*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA25.4*; ABHPJAB7.750$$JAC8.250*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ABMK J OVERALL WIDTH

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA25.4*; ABMKJAB3.750$$JAC4.000*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA25.4*; ABKWJAB2.250$$JAC2.750*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ABFY J OVERALL DEPTH

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA25.4*; ABFYJAB2.250$$JAC2.500*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

ALL*

ADUM J OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA2.500*; ADUMJLA25.4*; ADUMJAB2.250$$JAC2.600*)

Table 1

| REPLY CODE | REPLY (AA05) |
|---|---|
| A | INCHES |
| L | MILLIMETERS |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

FA*, FE*

AFJH G FURNISHED ITEMS

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Definition: ITEMS FURNISHED AS ACCESSORIES WHICH ARE NOT SPECIFIED ELSEWHERE.

Reply Instructions: Enter the reply in clear text. (e.g., AFJHGCIRCUIT CARD ASSY*)

Separate multiple replies with a semicolon. (e.g., AFJHGCABLE ASSEMBLY; RECEIVER SUBASSEMBLY*)

FA*, FE*

AFHS A ACCESSORY COMPONENT QUANTITY

Definition: THE NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the quantity. (e.g., AFHSA1*)

Enter multiple replies in the same sequence as MRC AFJH using AND coding ($$). (e.g., AFHSA4$$A5*)

FA*, FE*

AKVY G ACCESSORY CONTROLLING AGENCY

Definition: THE NAME OF THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION THAT CONTROLS THE MANUFACTURER OF THE ACCESSORY ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., AKVYGNOVATRONICS INC*)

Enter multiple replies in the same sequence as MRC AFJH separated by a semicolon. (e.g., AKVYGAMPEX CORP; SIGNAL CORPS*)

FA*, FE*

AKVZ J ACCESSORY IDENTIFYING NUMBER

Definition: THE SPECIFIC NUMBER USED TO IDENTIFY THE ACCESSORY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the identifying number.

(e.g., AKVZJAFMX-2228/GPA-28*)

APP
Key MRC Mode Code Requirements

Enter multiple or optional replies in the same sequence as MRC AFJH using AND/OR coding ($$/$). (e.g., AKVZJACSR049$$JAD12345$JAF1 2B*)

| REPLY CODE | REPLY (AG99) |
|---|---|
| AB | DRAWING NO. |
| AC | MODEL NO. |
| AD | PART NO. |
| AE | SERIAL NO. |
| AF | TYPE NO. |

FA*, FE*

AJJY A DOCUMENT SOURCE

Definition: THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE GOVERNMENT AGENCY, INDUSTRIAL ORGANIZATION, OR OTHER SOURCE, WHICH CONTROLS THE DOCUMENT.

Reply Instructions: Enter the 5-digit CAGE code or manufacturers code. (e.g., AJJYA12345*)

Enter multiple or optional replies using AND/OR coding ($$/$). (e.g., AJJYA80058$$A82260$A12345*)

FA*, FE*

AJJZ D DOCUMENT TYPE

Definition: INDICATES THE TYPE OF DOCUMENT BY THE TITLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJJZDAB*)

Enter multiple or optional replies in the same sequence as MRC AJJY. (e.g., AJJZDAB$$DAG$DAD*)

| REPLY CODE | REPLY (AF70) |
|---|---|
| AE | FEDERAL SPECIFICATION |
| AC | MILITARY SPECIFICATION |
| AF | MILITARY STANDARD |
| AH | SUPPLY CATALOG |
| AB | TECHNICAL MANUAL |
| AG | TECHNICAL ORDER |
| AD | TRAINING MANUAL |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

FA*, FE*

AJKA A DOCUMENT IDENTIFICATION

Definition: THE NUMBER OR SYMBOL USED TO IDENTIFY THE DOCUMENT.

Reply Instructions: Enter the document number.

(e.g., AJKAA31P4-2GPX27-2*)

Enter multiple or optional replies in the same sequence as MRC AJJY.

(e.g., AJKAAMIL-P-1234$$A31P5-11$A RC128*)

FA*, FE*

AJKB A COMPONENT DOCUMENT PAGE NUMBER

Definition: THE PAGE NUMBER INDICATING THE LOCATION OF THE COMPONENT(S) LISTED IN THE DOCUMENT.

Reply Instructions: Enter the page number.

(e.g., AJKBA7-35*; AJKBA123$$A211*)

FB, FD, FE

APQG D MULTIPLEXING METHOD

Definition: THE TRANSMITTING METHOD WHICH IDENTIFIES THE FUNCTIONAL DESIGN OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APQGDAB*; APQGDAB$$DAC*)

| REPLY CODE | REPLY (AK68) |
|---|---|
| AB | FREQUENCY DIVISION |
| AC | TIME DIVISION |

FB, FD, FE

APQJ J CHANNEL TYPE AND QUANTITY

APP
Key MRC Mode Code Requirements

Definition: INDICATES THE TYPE AND NUMBER OF CHANNELS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the quantity. When the source document indicates a specific number of channels for each direction, use AND/OR coding ($$/$) to separate the replies. (e.g., APQJJAB4*; APQJJAB36$$JAC36*; APQJJAB24$JAC24*)

| REPLY CODE | REPLY (AK27) |
|---|---|
| AB | RECEIVING |
| AC | TRANSMITTING |

FB, FD

APTP J INPUT FREQUENCY BAND WIDTH

Definition: THE NUMBER OF CYCLES PER SECOND (HERTZ) EXPRESSING THE DIFFERENCES BETWEEN THE LIMITING FREQUENCIES OF AN INPUT BAND.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., APTPJEA500.0*; APTPJKB154.2$$JKC163.5*)

Table 1

| REPLY CODE | REPLY (AC32) |
|---|---|
| G | GIGAHERTZ |
| E | HERTZ |
| K | KILOHERTZ |
| M | MEGAHERTZ |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

FB, FD

ANSL J INPUT IMPEDANCE RATING

Definition: THE TOTAL OPPOSITION (RESISTIVE AND REACTIVE) WHICH THE ITEM OFFERS TO THE INPUT FLOW OF ALTERNATING CURRENT.

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ANSLJQR600.0*; ANSLJQR125.0$$JQR135.0*)

| REPLY CODE | REPLY (AE75) |
|---|---|
| KR | KILOHMS |
| QR | OHMS |

FB, FD

APTQ J INPUT FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH THE INPUT IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., APTQJEA200.0*; APTQJEB425.0$$JEC800.0*)

Table 1

| REPLY CODE | REPLY (AC32) |
|---|---|
| G | GIGAHERTZ |
| E | HERTZ |
| K | KILOHERTZ |
| M | MEGAHERTZ |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

FB, FD

APTR J OUTPUT FREQUENCY BAND WIDTH

Definition: THE NUMBER OF CYCLES PER SECOND (HERTZ) EXPRESSING THE DIFFERENCES BETWEEN THE LIMITING FREQUENCIES OF AN OUTPUT BAND.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., APTRJEA500.0*; APTRJKB3.5$$JKC6.0*)

Table 1

| REPLY CODE | REPLY (AC32) |
|---|---|

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | | G | GIGAHERTZ |
| | | E | HERTZ |
| | | K | KILOHERTZ |
| | | M | MEGAHERTZ |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

FB, FD

ANSR J OUTPUT IMPEDANCE RATING

Definition: THE TOTAL OPPOSITION (RESISTIVE AND REACTIVE) WHICH THE ITEM OFFERS TO THE OUTPUT FLOW OF ALTERNATING CURRENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ANSRJQR600.0*; ANSRJQR125.0$$JQR135.0*)

| REPLY CODE | REPLY (AE75) |
|---|---|
| KR | KILOHMS |
| QR | OHMS |

FB, FD

APTS J OUTPUT FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH THE OUTPUT IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., APTSJEA1500.0*; APTSJEB380.0$$JEC4000*)

Table 1

| REPLY CODE | REPLY (AC32) |
|---|---|
| G | GIGAHERTZ |
| E | HERTZ |
| K | KILOHERTZ |
| M | MEGAHERTZ |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

FC

APTT J OPERATING FREQUENCY

Definition: THE FREQUENCY AT WHICH THE ITEM FUNCTIONS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., APTTJMA2800.0*; APTTJGB1.3$$JGC1.9*)

Table 1

| REPLY CODE | REPLY (AC32) |
|---|---|
| G | GIGAHERTZ |
| E | HERTZ |
| K | KILOHERTZ |
| M | MEGAHERTZ |

Table 2

| REPLY CODE | REPLY (AC20) |
|---|---|
| A | NOMINAL |
| B | MINIMUM |
| C | MAXIMUM |

FA

ANEQ D SIGNAL TYPE

Definition: INDICATES THE TYPE OF SIGNALLING THE ITEM WILL PERFORM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANEQDBF*; ANEQDBF$DBG*)

| REPLY CODE | REPLY (AJ52) |
|---|---|
| BF | EXTERNAL |
| BG | INTERNAL |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| FC | | | |
| | APTW | D | TRANSMISSION LINE TYPE |

Definition: INDICATES THE TYPE OF LINE USED TO TRANSMIT SIGNALS OR ENERGY FROM ONE LOCATION TO ANOTHER.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APTWDAAB*; APTWDAAB$DAAC*)

| REPLY CODE | REPLY (AK75) |
|---|---|
| AAB | COAXIAL CABLE |
| AAC | OPEN WIRE |
| AAD | RECTANGULAR WAVEGUIDE |

**SECTION: STANDARD**

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| ALL* (See Note Preceding MRC CBBL in Part D) | | | |
| | FEAT | G | SPECIAL FEATURES |

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*

| | | | |
|---|---|---|---|
| | TEST | J | TEST DATA DOCUMENT |

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321$$JB5556A-663654*;

TESTJAA2345-654321$JB55566-663654*)

| REPLY CODE | REPLY (AC28) |
|---|---|
| A | SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.) |
| B | STANDARD (Includes industry or association standards, individual manufacturer standards, etc.) |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | | C | DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing) |

ALL*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

| REPLY CODE | REPLY (AN62) |
|---|---|
| S | GOVERNMENT SPECIFICATION |
| T | GOVERNMENT STANDARD |
| D | MANUFACTURERS SOURCE CONTROL |
| R | MANUFACTURERS SPECIFICATION |
| N | MANUFACTURERS SPECIFICATION CONTROL |
| M | MANUFACTURERS STANDARD |
| B | NATIONAL STD/SPEC |
| A | PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION |
| P | PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD |

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| ALL* | | | |
| | ZZZX | G | DEPARTURE FROM CITED DESIGNATOR |
| | | | Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS. |
| | | | Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*) |
| ALL* | | | |
| | ZZZY | G | REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS |
| | | | Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS. |
| | | | Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*) |
| ALL* | | | |
| | CRTL | A | CRITICALITY CODE JUSTIFICATION |
| | | | Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM. |
| | | | Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL$$ASURF*) |
| | | | Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical. |
| NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY. | | | |
| ALL* (See Note Above) | | | |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | PRPY | A | PROPRIETARY CHARACTERISTICS |

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL$$ASURF*)

ALL*

| | | | |
|---|---|---|---|
| | ELRN | G | EXTRA LONG REFERENCE NUMBER |

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

NOTE FOR MRC NHCF: IF THE CRITICALITY CODE IS E, H, OR M, REPLY TO MRC NHCF.

ALL* (See Note Above)

| | | | |
|---|---|---|---|
| | NHCF | D | NUCLEAR HARDNESS CRITICAL FEATURE |

Definition: AN INDICATION OF THE NUCLEAR HARDNESS CRITICALITY OF THE ITEM.

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

Reply Instructions: Enter the Reply Code from the table below. (e.g., NHCFDCY*)

| REPLY CODE | REPLY (AD05) |
|---|---|
| CY | HARDENED |

ALL*

ELCD D EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

| REPLY CODE | REPLY (AN58) |
|---|---|
| A | ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD |

**SECTION: SUPPTECH**

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|

ALL

AFJK J CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJF27.000*)

| REPLY CODE | REPLY (AD42) |
|---|---|
| C | CUBIC CENTIMETERS |
| F | CUBIC FEET |
| B | CUBIC INCHES |
| E | CUBIC METERS |

ALL

PRMT D PRECIOUS MATERIAL

Definition: IDENTIFICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., PRMTDAGA000*; PRMTDAUA000$$DAGA000*)

| REPLY CODE | REPLY (MA01) |
|---|---|
| AUA000 | GOLD |
| IRA000 | IRIDIUM |
| AZA000 | OSMIUM |
| PDA000 | PALLADIUM |
| PTA000 | PLATINUM |
| RHA000 | RHODIUM |
| RTA000 | RUTHENIUM |
| AGA000 | SILVER |

ALL

PMWT J PRECIOUS MATERIAL AND WEIGHT

APP
Key MRC Mode Code Requirements

Definition: AN INDICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM, AND THE AMOUNT PER A MEASUREMENT SCALE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. Enter multiple replies in Table 1 sequence. (e.g., PMWTJPTA000R0.780*; PMWTJAUA000F0.500$$JAGA000R0.780*)

Table 1

| REPLY CODE | REPLY (MA01) |
|---|---|
| AUA000 | GOLD |
| IRA000 | IRIDIUM |
| AZA000 | OSMIUM |
| PDA000 | PALLADIUM |
| PTA000 | PLATINUM |
| RHA000 | RHODIUM |
| RTA000 | RUTHENIUM |
| AGA000 | SILVER |

Table 2

| REPLY CODE | REPLY (AG14) |
|---|---|
| E | GRAINS, TROY |
| R | GRAMS |
| F | OUNCES, TROY |

ALL

PMLC J PRECIOUS MATERIAL AND LOCATION

Definition: AN INDICATION OF THE PRECIOUS MATERIAL AND ITS LOCATION IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the location in clear text. (e.g., PMLCJAUA000TERMINALS*; PMLCJAUA000TERMINALS$$JAGA000INTERNAL SURFACES*)

| REPLY CODE | REPLY (MA01) |
|---|---|
| AUA000 | GOLD |
| IRA000 | IRIDIUM |
| AZA000 | OSMIUM |
| PDA000 | PALLADIUM |
| PTA000 | PLATINUM |
| RHA000 | RHODIUM |
| RTA000 | RUTHENIUM |
| AGA000 | SILVER |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| ALL | | | |
| | SUPP | G | SUPPLEMENTARY FEATURES |
| | | | Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT. |
| | | | Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*) |
| ALL | | | |
| | FCLS | A | FUNCTIONAL CLASSIFICATION |
| | | | Definition: THE ALPHA-NUMERIC DESIGNATION THAT IDENTIFIES THE CLASSIFICATION OF THE ITEM ACCORDING TO THE CATEGORY OF FUNCTIONS PERFORMED. |
| | | | Reply Instructions: Enter the reply from the applicable document. |
| | | | (e.g., FCLSAHH-1.5*) |
| ALL | | | |
| | FTLD | G | FUNCTIONAL DESCRIPTION |
| | | | Definition: DESCRIBES THE CAPABILITIES, INTENDED USE, AND/OR PURPOSE FOR WHICH THE ITEM IS PROVIDED. |
| | | | Reply Instructions: Enter the description of function as concisely as possible. (e.g., FTLDGUSED TO INSTALL/REMOVE ENGINE NACELLE*) |
| ALL | | | |
| | TMDN | A | TYPE/MODEL DESIGNATION |
| | | | Definition: THE ALPHA-NUMERIC-ALHPA DESIGNATION USED TO IDENTIFY THE TYPE AND/OR MODEL OF THE BASIC ITEM. |
| | | | Reply Instructions: Enter the appropriate designation data. |
| | | | (e.g., TMDNAMSV-615/M*) |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| ALL | | | |
| | RTSE | G | RELATIONSHIP TO SIMILAR EQUIPMENT |
| | Definition: INDICATES THE RELATIONSHIP, SUCH AS CONSTRUCTION, CAPABILITIES, AND THE LIKE, OF THE ITEM TO A SIMILAR ITEM. | | |
| | Reply Instructions: Enter the concise statement for similar item including name and identifying data. | | |
| | (e.g., RTSEGSIMILAR TO LOCKHEED OVERWING ENGINE HOIST P/N 61521-58*) | | |
| ALL | | | |
| | RDAL | G | REFERENCE DATA AND LITERATURE |
| | Definition: LITERATURE AND REFERENCES AVAILABLE FOR INFORMATION PERTAINING TO THE ITEM. | | |
| | Reply Instructions: Enter the data appropriate and in a concise manner to identify informational references covering the item. | | |
| | (e.g., RDALGNAAVAIROIA/VFK58 A-2.2.9*) | | |
| ALL | | | |
| | NTRD | A | ENTRY DATE |
| | Definition: INDICATE THE DATE THE ITEM WAS ENTERED INTO MIL-HDBK-300. | | |
| | Reply Instructions: Enter the date structured in three hyphenated 2 position segments to indicate the last 2 digits of the calendar year, month, and day. | | |
| | (e.g., NTRDA80-05-28*) | | |
| ALL | | | |
| | ZZZP | J | PURCHASE DESCRIPTION IDENTIFICATION |
| | Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY. | | |

| APP Key | MRC | Mode Code | Requirements |
|---|---|---|---|
| | | | Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document.<br><br>(e.g., ZZZPJ81337-30624A*) |
| ALL | | | |
| | ZZZV | G | FSC APPLICATION DATA |
| | | | Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.<br><br>Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*) |
| ALL | | | |
| | AGAV | G | END ITEM IDENTIFICATION |
| | | | Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.<br><br>Reply Instructions: Enter the reply in clear text.<br><br>(e.g., AGAVG3930-00-000-0000*;<br><br>AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*) |
| ALL* | | | |
| | CXCY | G | PART NAME ASSIGNED BY CONTROLLING AGENCY |
| | | | Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.<br><br>Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*) |

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## Reply Tables

Table 1 - MATERIALS
MATERIALS

| REPLY CODE | REPLY (AD09) |
|---|---|
| ALC000 | ALUMINUM |
| AL0000 | ALUMINUM ALLOY |
| A | ANY ACCEPTABLE |
| BR0000 | BRASS |
| BN0000 | BRONZE |
| BNJ000 | BRONZE, CAST |
| DFK000 | CANVAS |
| CU0000 | COPPER |
| FA0000 | FABRIC |
| FB0000 | FIBER |
| AU0000 | GOLD |
| FE0000 | IRON |
| FEA000 | IRON, CAST |
| LR0000 | LEATHER |
| MG0000 | MAGNESIUM |
| ME0000 | METAL |
| NF0000 | NICKEL |
| NC0000 | NICKEL COPPER ALLOY (Monel) |
| PF0000 | PAPER |
| PC0000 | PLASTIC |
| PCAAL0 | PLASTIC, PHENOL-FORMALDEHYDE (Bakelite) |
| PCW000 | PLASTIC, PHENOLIC |
| PCCCW0 | PLASTIC, POLYVINYL |
| PCCCA0 | PLASTIC, THERMOPLASTIC |
| PCCN00 | PLASTIC, VINYL ACETATE (Vinylite) |
| PT0000 | PLATINUM |
| PW0000 | PLYWOOD |
| BHA000 | PORCELAIN ENAMEL |
| RC0000 | RUBBER |
| DFBBN0 | SATEEN |
| AG0000 | SILVER |
| AGS000 | SILVER, COIN |
| ST0000 | STEEL |
| STD000 | STEEL, STAINLESS |
| TN0000 | TUNGSTEN |
| WD0000 | WOOD |
| ZN0000 | ZINC |
| ZNL000 | ZINC ALLOY |

Table 2 - NONDEFINITIVE SPEC/STD DATA
NONDEFINITIVE SPEC/STD DATA

| REPLY CODE | REPLY (AD08) |
|---|---|
| AL | ALLOY |
| AN | ANNEX |
| AP | APPENDIX |
| AC | APPLICABILITY CLASS |
| AR | ARRANGEMENT |
| AS | ASSEMBLY |
| AB | ASSORTMENT |
| BX | BOX |
| CY | CAPACITY |
| CA | CASE |
| CT | CATEGORY |
| CL | CLASS |
| CE | CODE |
| CR | COLOR |
| CC | COMBINATION CODE |
| CN | COMPONENT |
| CP | COMPOSITION |
| CM | COMPOUND |
| CD | CONDITION |
| CS | CONSTRUCTION |
| DE | DESIGN |
| DG | DESIGNATOR |
| DW | DRAWING NUMBER |
| EG | EDGE |
| EN | END |
| FY | FAMILY |
| FG | FIGURE |
| FN | FINISH |
| FM | FORM |
| FA | FORMULA |
| GR | GRADE |
| GP | GROUP |
| BA | IMAGE COLOR |
| NS | INSERT |
| TM | ITEM |
| KD | KIND |
| KT | KIT |
| LG | LENGTH |
| LT | LIMIT |
| MK | MARK |
| AA | MARKER |
| ML | MATERIAL |
| BB | MAXIMUM DENSITY |
| MH | MESH |
| ME | METHOD |
| BC | MINIMUM DENSITY |
| MD | MODEL |
| MT | MOUNTING |

| REPLY CODE | REPLY (AD08) |
|---|---|
| NR | NUMBER |
| PT | PART |
| PN | PATTERN |
| PC | PHYSICAL CONDITION |
| PS | PIECE |
| PL | PLAN |
| PR | POINT |
| QA | QUALITY |
| RN | RANGE |
| RT | RATING |
| RF | REFERENCE NUMBER |
| SC | SCHEDULE |
| SB | SECTION |
| SL | SELECTION |
| SE | SERIES |
| SV | SERVICE |
| SX | SET |
| SA | SHADE |
| SH | SHAPE |
| SG | SHEET |
| SZ | SIZE |
| PZ | SPECIES |
| SQ | SPECIFICATION SHEET |
| SD | SPEED |
| ST | STYLE |
| SS | SUBCLASS |
| SF | SUBFORM |
| SP | SUBTYPE |
| SN | SURFACE CONDITION |
| SY | SYMBOL |
| SM | SYSTEM |
| TB | TABLE |
| TN | TANNAGE |
| TP | TEMPER |
| TX | TEXTURE |
| TK | THICKNESS |
| TT | TREATMENT |
| TR | TRIM |
| TY | TYPE |
| YN | UNIT |
| VA | VARIETY |
| WT | WEIGHT |
| WD | WIDTH |

Table 3 - KEYING METHODS

KEYING METHODS

| REPLY CODE | REPLY (AH83) |
|---|---|
| A | ANY ACCEPTABLE |
| AW | AUTOMATIC |
| BR | CAM |
| BS | CAPSTAN WHEEL |
| BT | CHOPPER WHEEL |
| BW | CLOCK |
| BX | COMMUTATOR |
| BY | ELECTRIC MOTOR OPERATED SWITCH |
| BZ | ELECTROMECHANICAL |
| CA | ELECTRONIC |
| AX | MANUAL |
| CB | MECHANICAL |
| CC | MOTOR DRIVEN SEGMENT |
| CD | PERFORATED TAPE |
| CE | PHOTOTUBE |
| CF | TELEPHONE TYPE STEPPING SWITCH |

Table 4 - *COLORS*

*COLORS*

| REPLY CODE | REPLY (AH83) |
|---|---|
| *BE0000* | *BEIGE* |
| *BL0000* | *BLACK* |
| *BU0000* | *BLUE* |
| *BR0000* | *BROWN* |
| *CL0000* | *CLEAR* |
| *GL0000* | *GOLD* |
| *GY0000* | *GRAY* |
| *GR0000* | *GREEN* |
| *VY0000* | *IVORY* |
| *LD0000* | *OLIVE DRAB* |
| *RG0000* | *ORANGE* |
| *PK0000* | *PINK* |
| *RE0000* | *RED* |

Table 5 -

| *REPLY CODE* | *REPLY (0360)* |
|---|---|
| *1A* | *1ST ALTERNATE OPERATING POWER RQMT* |
| *1M* | *1ST OPERATING POWER RQMT* |
| *1B* | *2ND ALTERNATE OPERATING POWER RQMT* |
| *1N* | *2ND OPERATING POWER RQMT* |
| *1C* | *3RD ALTERNATE OPERATING POWER RQMT* |
| 1P | 3RD OPERATING POWER RQMT |
| *1D* | *4TH ALTERNATE OPERATING POWER RQMT* |

| *REPLY CODE* | *REPLY (0360)* |
|---|---|
| 1Q | 4TH OPERATING POWER RQMT |
| *1E* | *5TH ALTERNATE OPERATING POWER RQMT* |
| 1R | 5TH OPERATING POWER RQMT |
| *1F* | *6TH ALTERNATE OPERATING POWER RQMT* |
| 1S | 6TH OPERATING POWER RQMT |
| *1G* | *7TH ALTERNATE OPERATING POWER RQMT* |
| 1T | 7TH OPERATING POWER RQMT |
| *1H* | *8TH ALTERNATE OPERATING POWER RQMT* |
| 1U | 8TH OPERATING POWER RQMT |
| *1J* | *9TH ALTERNATE OPERATING POWER RQMT* |
| 1V | 9TH OPERATING POWER RQMT |
| *1K* | *10TH ALTERNATE OPERATING POWER RQMT* |
| 1W | 10TH OPERATING POWER RQMT |
| *1L* | *11TH ALTERNATE OPERATING POWER RQMT* |
| 1X | 11TH OPERATING POWER RQMT |

## Reference Drawing Groups

REFERENCE DRAWING GROUP A

CONTACT FORMS

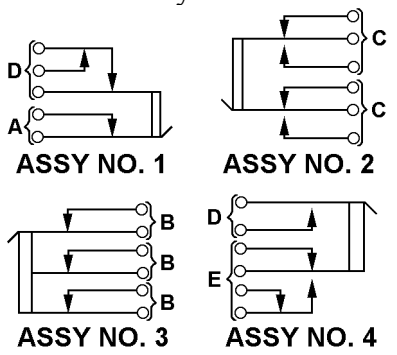
(No Requirements)

PILE-UP TYPE

In the commercial field, all contact arrangements for pile-up switches have been resolved into combinations of basic forms A through M illustrated below.

When recording the contact arrangement of a pile-up assembly, the following procedure will be followed:

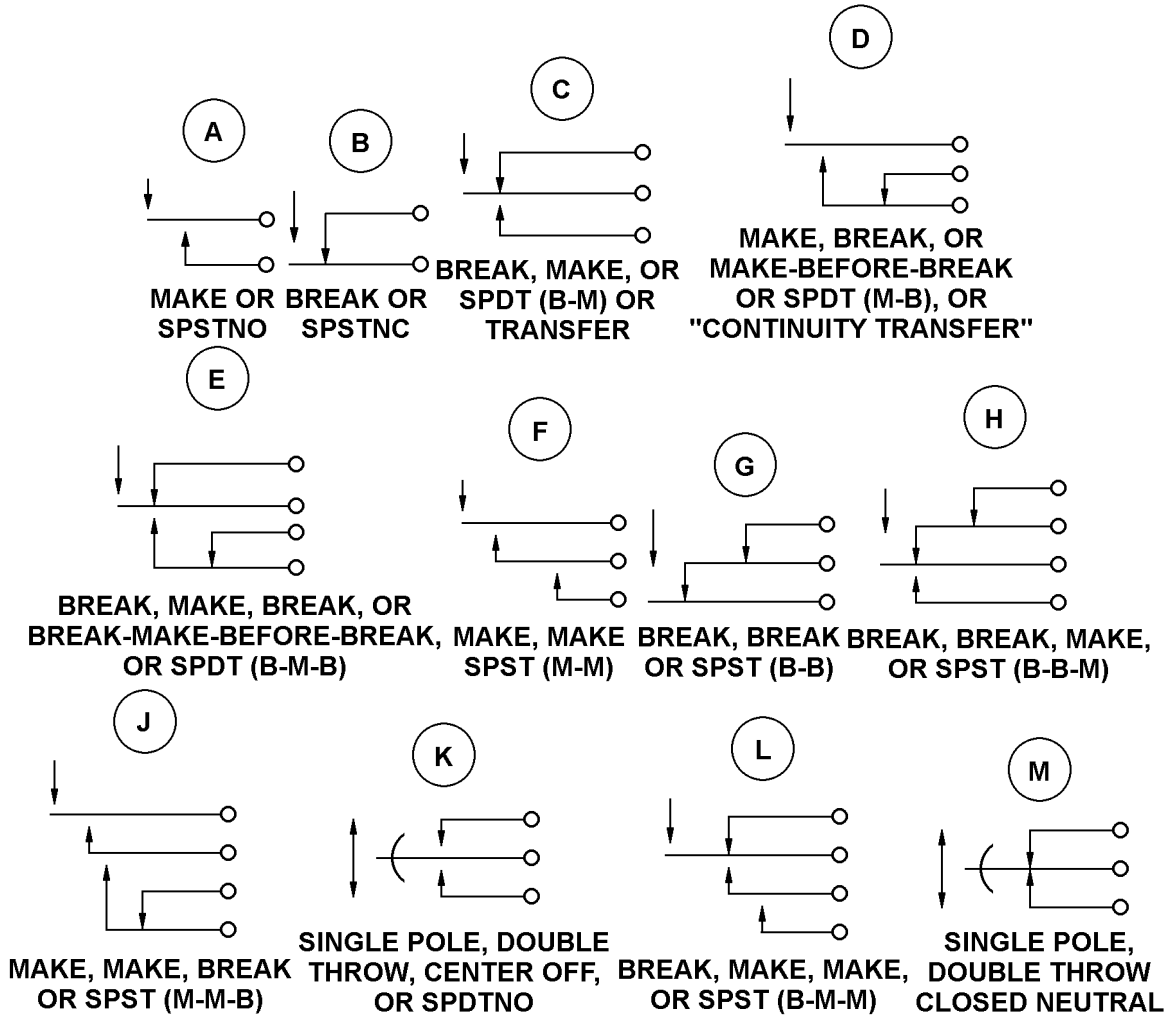
a. Determine the number of pile-up assemblies involved. (An assembly consists of a number of spring leaves mounted on a common pillar to form a combination of switching arrangements actuated simultaneously to a single contact transfer rod.)
b. Determine from the illustrations of the basic forms, the type and quantity of each basic form used to make up each pile-up contact assembly. Record in order of assemblage, i.e., from the heelpiece or frame in physical ascendance regardless of numeric or alphabetic order, consolidating identical basic forms only to the extent that they are in consecutive order of assemblage. (e.g., 2C1A; 1C1A1C)




For items consisting of two or more pile-up assemblies, use secondary address coding. Enter replies in the order specified above. For example, if an item consists of four pile-up assemblies such as those shown in the illustration, the replies would be

If a section (or surface of a section) includes nonidentical pile-up assemblies, use secondary address coding when replying for that section (or surface). Enter replies in clockwise order of location beginning with the assembly located at 1 o'clock position (or front to rear or left to right order of location) as viewed from the front (knob end) of the item.

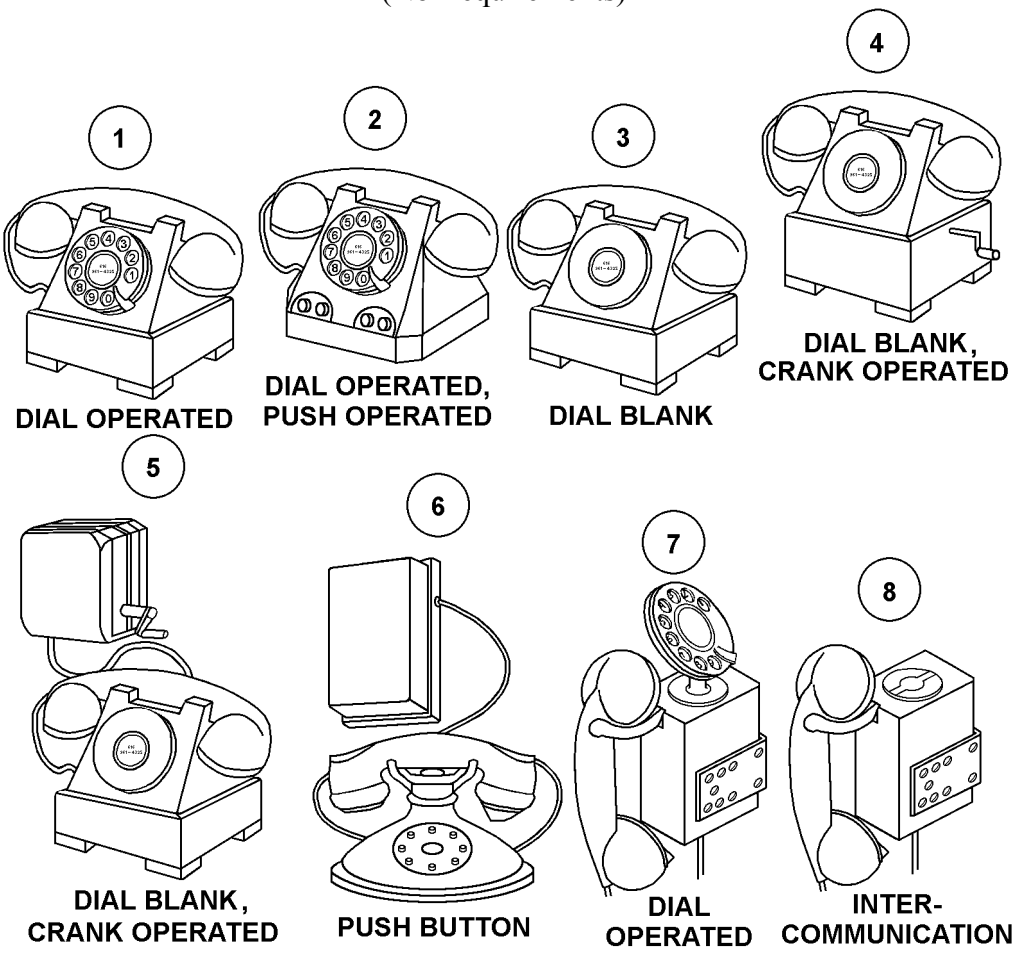
If pile-up assemblies are located on both front and rear surfaces of a section, enter reply (or replies) for the front surface first, followed by the reply (or replies) for the rear surface when replying for that section.

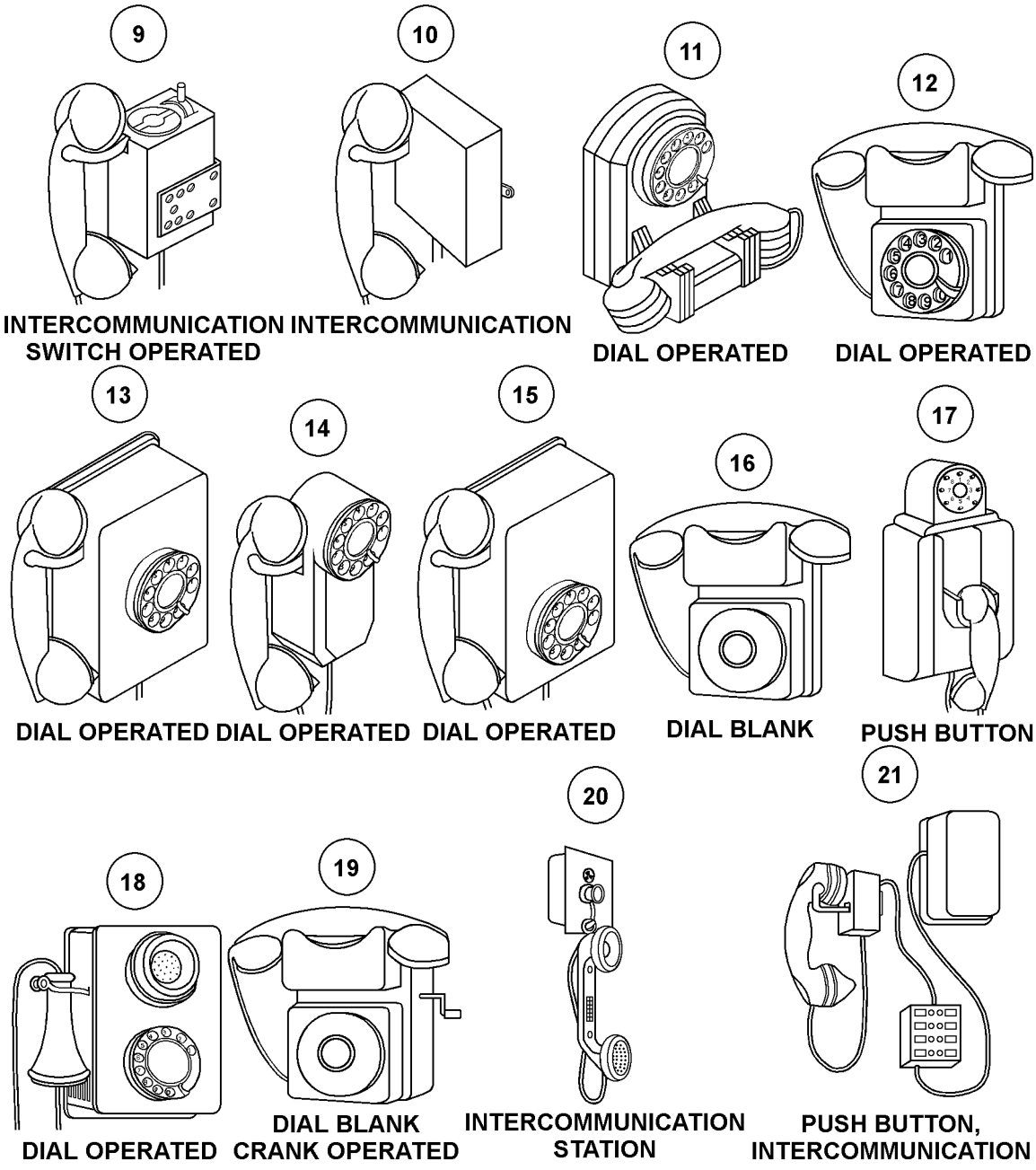


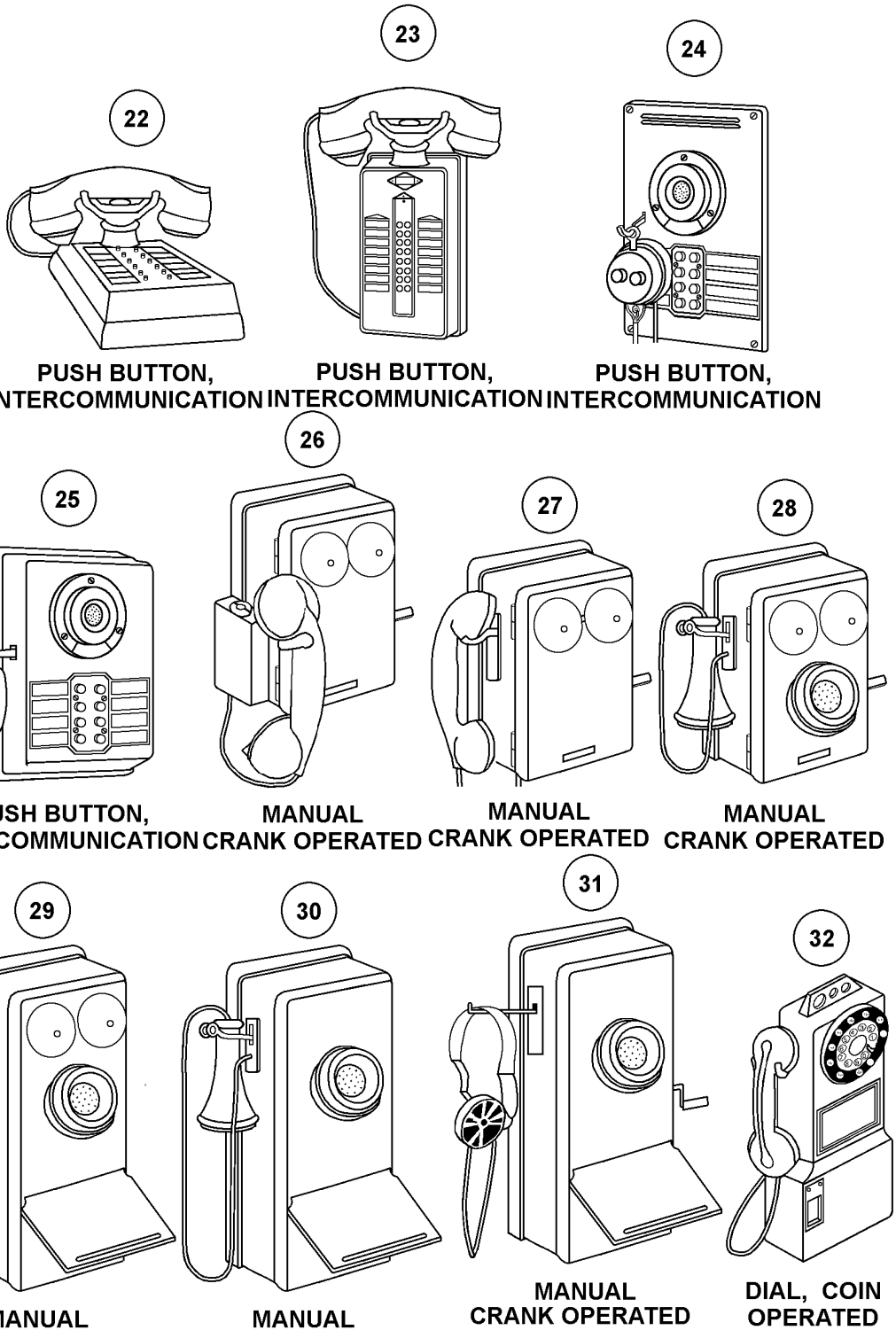
REFERENCE DRAWING GROUP B

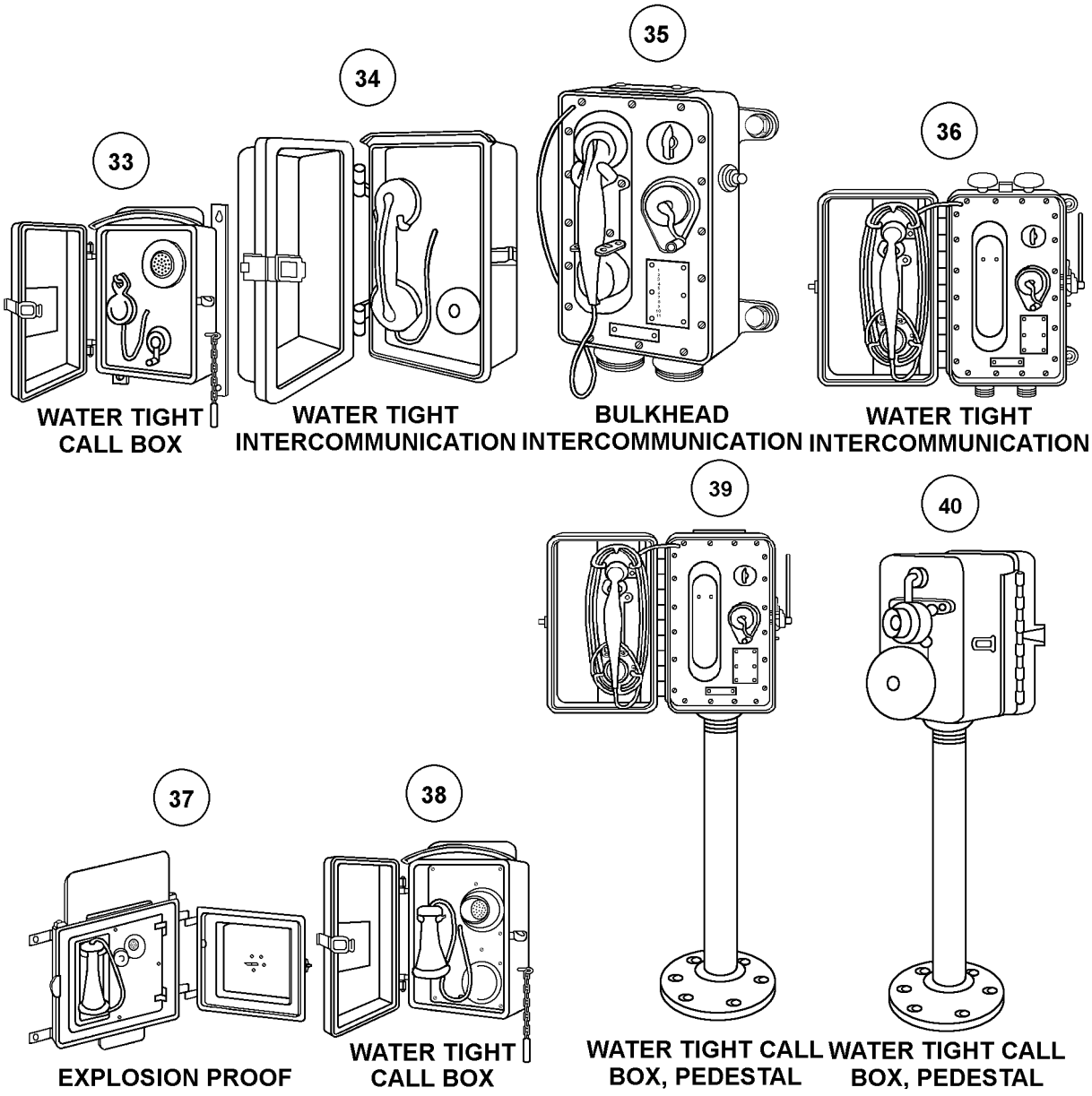
TELEPHONE STYLES

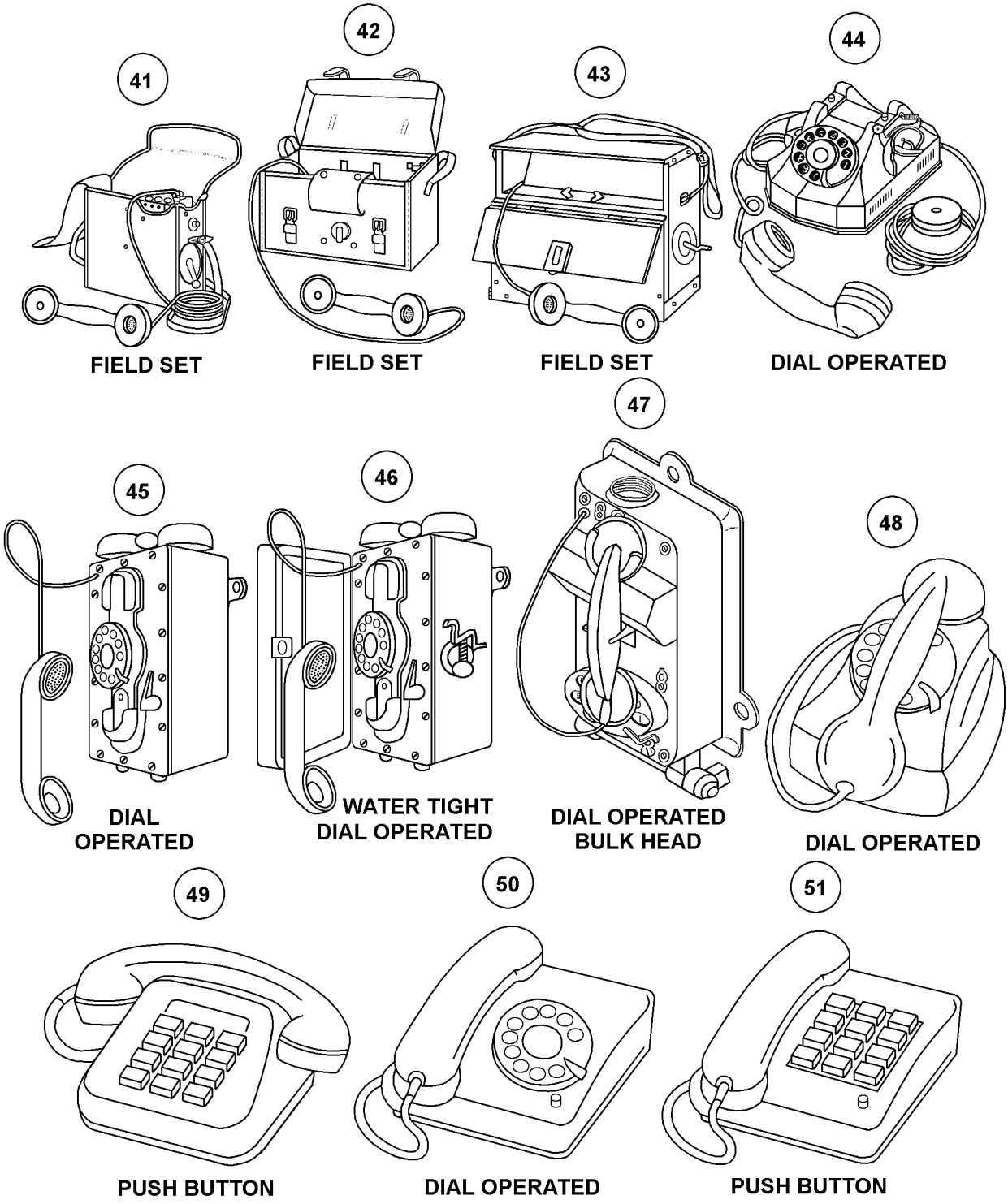
(No Requirements)



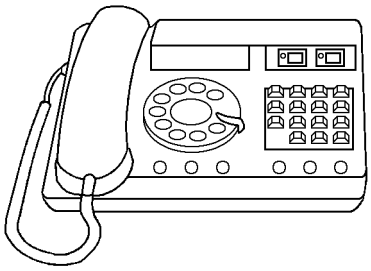

9
10
11
12
INTERCOMMUNICATION SWITCH OPERATED
INTERCOMMUNICATION
DIAL OPERATED
DIAL OPERATED
13
14
15
16
17
DIAL OPERATED
DIAL OPERATED
DIAL OPERATED
DIAL BLANK
PUSH BUTTON
18
19
20
21
DIAL OPERATED
DIAL BLANK CRANK OPERATED
INTERCOMMUNICATION STATION
PUSH BUTTON, INTERCOMMUNICATION


22
23
24
PUSH BUTTON, INTERCOMMUNICATION
PUSH BUTTON, INTERCOMMUNICATION
PUSH BUTTON, INTERCOMMUNICATION
25
26
27
28
PUSH BUTTON, INTERCOMMUNICATION
MANUAL CRANK OPERATED
MANUAL CRANK OPERATED
MANUAL CRANK OPERATED
29
30
31
32
MANUAL
MANUAL
MANUAL CRANK OPERATED
DIAL, COIN OPERATED


33
34
35
36
WATER TIGHT CALL BOX
WATER TIGHT INTERCOMMUNICATION
BULKHEAD INTERCOMMUNICATION
WATER TIGHT INTERCOMMUNICATION
39
40
37
38
EXPLOSION PROOF
WATER TIGHT CALL BOX
WATER TIGHT CALL BOX, PEDESTAL
WATER TIGHT CALL BOX, PEDESTAL


41
42
43
44
FIELD SET
FIELD SET
FIELD SET
DIAL OPERATED
47
45
46
48
DIAL
OPERATED
WATER TIGHT
DIAL OPERATED
DIAL OPERATED
BULK HEAD
DIAL OPERATED
49
50
51
PUSH BUTTON
DIAL OPERATED
PUSH BUTTON

52

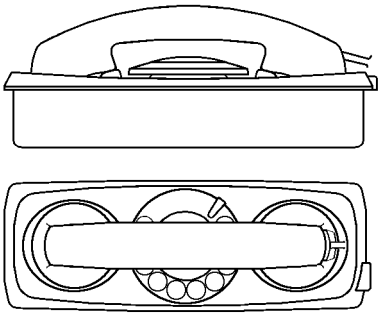


DIAL OPERATED W/ BUTTONS
FOR SPECIAL FUNCTIONS

53

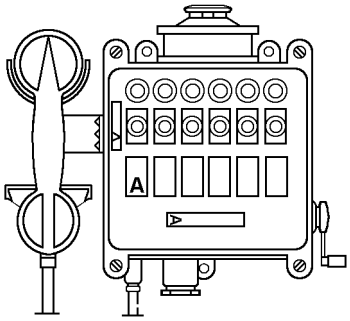
DIAL OPERATED

54



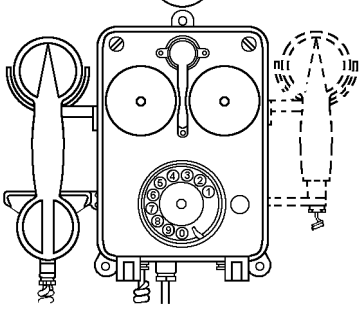
DIAL OPERATED

55



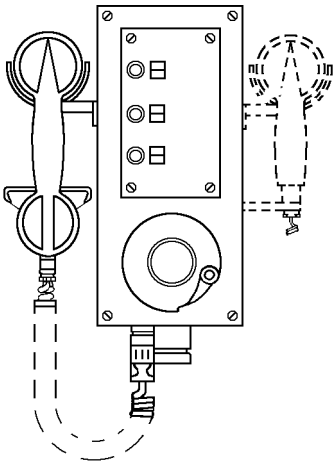
PUSH BUTTON,
INTERCOMMUNICATION

56



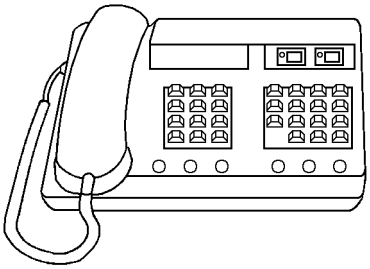
DIAL OPERATED

57



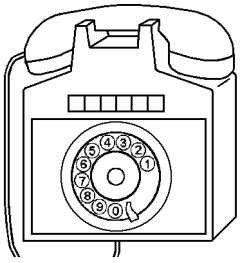
TUMBLER SWITCH,
INTERCOMMUNICATION

58



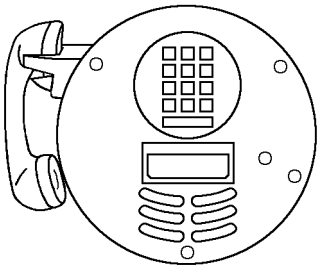
PUSH BUTTON, W/ BUTTONS
FOR SPECIAL FUNCTIONS

59

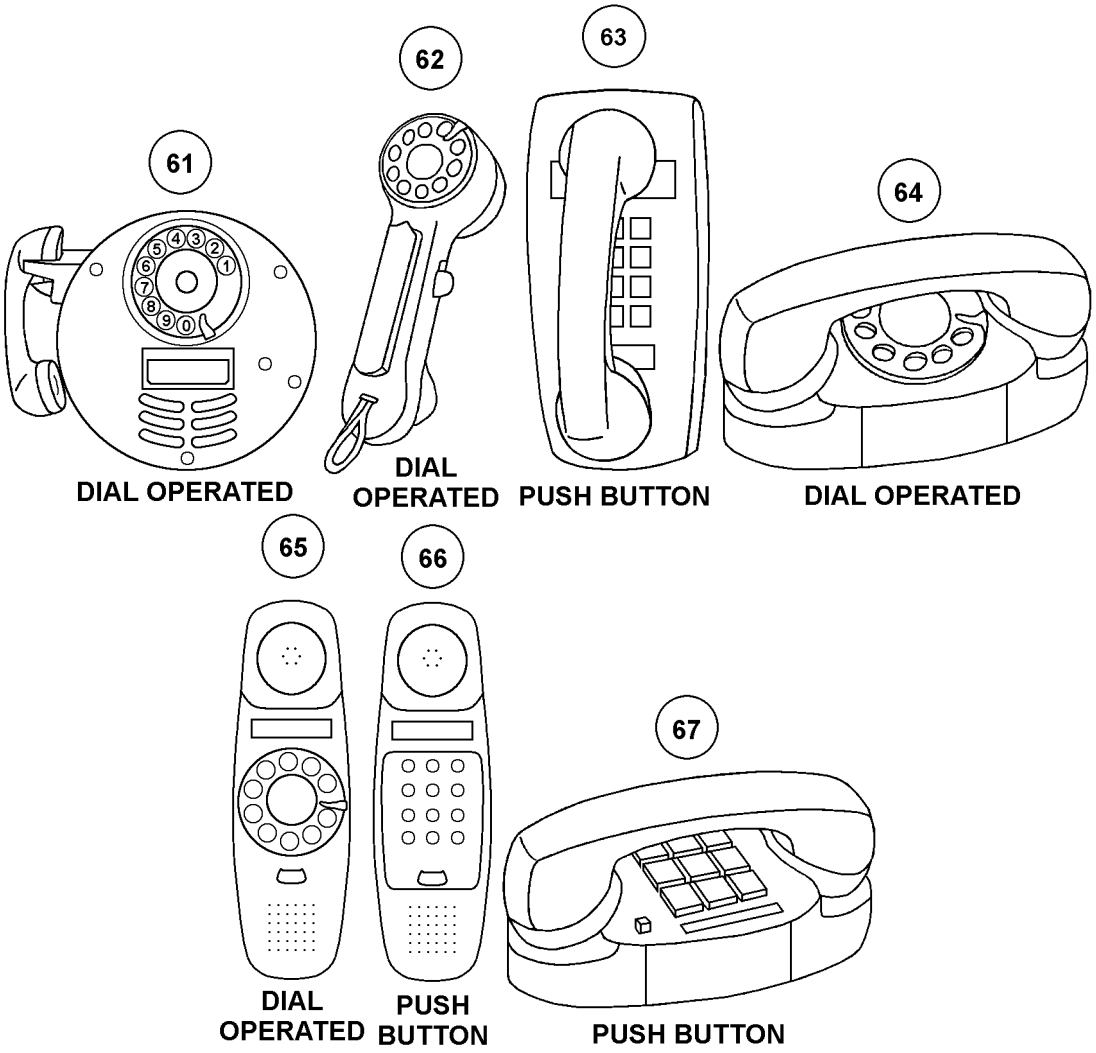


DIAL OPERATED,
W/ BUTTONS FOR
SPECIAL FUNCTIONS

60



PUSH BUTTON


61
62
63
64
65
66
67
DIAL OPERATED
DIAL OPERATED
PUSH BUTTON
DIAL OPERATED
DIAL OPERATED
PUSH BUTTON
PUSH BUTTON

## Technical Data Tables

# SPECIAL SECONDARY ADDRESS CODING

When the item includes a self-contained power source and the item is also designed for operation from an external power source, the external power source is considered alternate operating. Under this condition reply only alternate operating.

When the item is powered by external power source(s) only reply operating. When the item is powered solely by internal batteries, these batteries do not constitute a self-contained power source but are considered operating.

If you have more than one reply to the same MRC in any series, change the second alpha to indicate the reply. For example: ALTERNATE OPERATING POWER EQUIPMENT shows AC Voltage 110V, 115V, 120V code as ACYN2AAJVA110.0* ACYN2ABJVA115.0* ACYN2ACJVA120.0*.

ACYN2AAJVA110.0*

ACYN2ABJVA115.0*

ACYN2ACJVA120.0*.

SPECIAL SECONDARY SEQUENCE CODING for MRCs ACYN, ACZB, FAAZ, ACYR, and ALSF:

| | |
|---|---|
| 1A | 1ST ALTERNATE OPERATING POWER RQMT |
| 1B | 2ND ALTERNATE OPERATING POWER RQMT |
| 1C | 3RD ALTERNATE OPERATING POWER RQMT |
| 1D | 4TH ALTERNATE OPERATING POWER RQMT |
| 1E | 5TH ALTERNATE OPERATING POWER RQMT |
| 1F | 6TH ALTERNATE OPERATING POWER RQMT |
| 1G | 7TH ALTERNATE OPERATING POWER RQMT |
| 1H | 8TH ALTERNATE OPERATING POWER RQMT |
| 1J | 9TH ALTERNATE OPERATING POWER RQMT |
| 1K | 10TH ALTERNATE OPERATING POWER RQMT |
| 1L | 11TH ALTERNATE OPERATING POWER RQMT |
| 1M | 1ST OPERATING POWER RQMT |
| 1N | 2ND OPERATING POWER RQMT |
| 1P | 3RD OPERATING POWER RQMT |

| | |
|---|---|
| 1Q | 4TH OPERATING POWER RQMT |
| 1R | 5TH OPERATING POWER RQMT |
| 1S | 6TH OPERATING POWER RQMT |
| 1T | 7TH OPERATING POWER RQMT |
| 1U | 8TH OPERATING POWER RQMT |
| 1V | 9TH OPERATING POWER RQMT |
| 1W | 10TH OPERATING POWER RQMT |
| 1X | 11TH OPERATING POWER RQMT |
| 2AA | 1ST ALTERNATE OPERATING POWER RQMT |
| 2AB | 1ST ALTERNATE OPERATING POWER RQMT |
| 2AC | 1ST ALTERNATE OPERATING POWER RQMT |
| 2AD | 1ST ALTERNATE OPERATING POWER RQMT |
| 2AE | 1ST ALTERNATE OPERATING POWER RQMT |
| 2BA | 2ND ALTERNATE OPERATING POWER RQMT |
| 2BB | 2ND ALTERNATE OPERATING POWER RQMT |
| 2BC | 2ND ALTERNATE OPERATING POWER RQMT |
| 2BD | 2ND ALTERNATE OPERATING POWER RQMT |
| 2BE | 2ND ALTERNATE OPERATING POWER RQMT |
| 2CA | 3RD ALTERNATE OPERATING POWER RQMT |
| 2CB | 3RD ALTERNATE OPERATING POWER RQMT |
| 2CC | 3RD ALTERNATE OPERATING POWER RQMT |
| 2CD | 3RD ALTERNATE OPERATING POWER RQMT |
| 2CE | 3RD ALTERNATE OPERATING POWER RQMT |
| 2DA | 4TH ALTERNATE OPERATING POWER RQMT |
| 2DB | 4TH ALTERNATE OPERATING POWER RQMT |
| 2DC | 4TH ALTERNATE OPERATING POWER RQMT |
| 2DD | 4TH ALTERNATE OPERATING POWER RQMT |
| 2DE | 4TH ALTERNATE OPERATING POWER RQMT |
| 2EA | 5TH ALTERNATE OPERATING POWER RQMT |
| 2EB | 5TH ALTERNATE OPERATING POWER RQMT |
| 2EC | 5TH ALTERNATE OPERATING POWER RQMT |
| 2ED | 5TH ALTERNATE OPERATING POWER RQMT |
| 2EE | 5TH ALTERNATE OPERATING POWER RQMT |
| 2FA | 6TH ALTERNATE OPERATING POWER RQMT |
| 2FB | 6TH ALTERNATE OPERATING POWER RQMT |
| 2FC | 6TH ALTERNATE OPERATING POWER RQMT |
| 2FD | 6TH ALTERNATE OPERATING POWER RQMT |
| 2FE | 6TH ALTERNATE OPERATING POWER RQMT |
| 2GA | 7TH ALTERNATE OPERATING POWER RQMT |
| 2GB | 7TH ALTERNATE OPERATING POWER RQMT |
| 2GC | 7TH ALTERNATE OPERATING POWER RQMT |
| 2GD | 7TH ALTERNATE OPERATING POWER RQMT |
| 2GE | 7TH ALTERNATE OPERATING POWER RQMT |
| 2HA | 8TH ALTERNATE OPERATING POWER RQMT |
| 2HB | 8TH ALTERNATE OPERATING POWER RQMT |
| 2HC | 8TH ALTERNATE OPERATING POWER RQMT |

2HD 8TH ALTERNATE OPERATING POWER RQMT
2HE 8TH ALTERNATE OPERATING POWER RQMT
2JA 9TH ALTERNATE OPERATING POWER RQMT
2JB 9TH ALTERNATE OPERATING POWER RQMT
2JC 9TH ALTERNATE OPERATING POWER RQMT
2JD 9TH ALTERNATE OPERATING POWER RQMT
2JE 9TH ALTERNATE OPERATING POWER RQMT
2KA 10TH ALTERNATE OPERATING POWER RQMT
2KB 10TH ALTERNATE OPERATING POWER RQMT
2KC 10TH ALTERNATE OPERATING POWER RQMT
2KD 10TH ALTERNATE OPERATING POWER RQMT
2KE 10TH ALTERNATE OPERATING POWER RQMT
2LA 11TH ALTERNATE OPERATING POWER RQMT
2LB 11TH ALTERNATE OPERATING POWER RQMT
2LC 11TH ALTERNATE OPERATING POWER RQMT
2LD 11TH ALTERNATE OPERATING POWER RQMT
2LE 11TH ALTERNATE OPERATING POWER RQMT
2MA 1ST OPERATING POWER RQMT
2MB 1ST OPERATING POWER RQMT
2MC 1ST OPERATING POWER RQMT
2MD 1ST OPERATING POWER RQMT
2ME 1ST OPERATING POWER RQMT
2NA 2ND OPERATING POWER RQMT
2NB 2ND OPERATING POWER RQMT
2NC 2ND OPERATING POWER RQMT
2ND 2ND OPERATING POWER RQMT
2NE 2ND OPERATING POWER RQMT
2PA 3RD OPERATING POWER RQMT
2PB 3RD OPERATING POWER RQMT
2PC 3RD OPERATING POWER RQMT
2PD 3RD OPERATING POWER RQMT
2PE 3RD OPERATING POWER RQMT
2QA 4TH OPERATING POWER RQMT
2QB 4TH OPERATING POWER RQMT
2QC 4TH OPERATING POWER RQMT
2QD 4TH OPERATING POWER RQMT
2QE 4TH OPERATING POWER RQMT
2RA 5TH OPERATING POWER RQMT
2RB 5TH OPERATING POWER RQMT
2RC 5TH OPERATING POWER RQMT
2RD 5TH OPERATING POWER RQMT
2RE 5TH OPERATING POWER RQMT
2SA 6TH OPERATING POWER RQMT
2SB 6TH OPERATING POWER RQMT
2SC 6TH OPERATING POWER RQMT
2SD 6TH OPERATING POWER RQMT

| | |
|---|---|
| 2SE | 6TH OPERATING POWER RQMT |
| 2TA | 7TH OPERATING POWER RQMT |
| 2TB | 7TH OPERATING POWER RQMT |
| 2TC | 7TH OPERATING POWER RQMT |
| 2TD | 7TH OPERATING POWER RQMT |
| 2TE | 7TH OPERATING POWER RQMT |
| 2UA | 8TH OPERATING POWER RQMT |
| 2UB | 8TH OPERATING POWER RQMT |
| 2UC | 8TH OPERATING POWER RQMT |
| 2UD | 8TH OPERATING POWER RQMT |
| 2UE | 8TH OPERATING POWER RQMT |
| 2VA | 9TH OPERATING POWER RQMT |
| 2VB | 9TH OPERATING POWER RQMT |
| 2VC | 9TH OPERATING POWER RQMT |
| 2VD | 9TH OPERATING POWER RQMT |
| 2VE | 9TH OPERATING POWER RQMT |
| 2WA | 10TH OPERATING POWER RQMT |
| 2WB | 10TH OPERATING POWER RQMT |
| 2WC | 10TH OPERATING POWER RQMT |
| 2WD | 10TH OPERATING POWER RQMT |
| 2WE | 10TH OPERATING POWER RQMT |
| 2XA | 11TH OPERATING POWER RQMT |
| 2XB | 11TH OPERATING POWER RQMT |
| 2XC | 11TH OPERATING POWER RQMT |
| 2XD | 11TH OPERATING POWER RQMT |
| 2XE | 11TH OPERATING POWER RQMT |

# STANDARD FRACTION TO DECIMAL CONVERSION CHART

| 4ths | 8ths | 16ths | 32nds | 64ths | To 3 | To 4 | 4ths | 8ths | 16ths | 32nds | 64ths | To 3 | To 4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 1/64 | .016 | .0156 | | | | | 33/64 | .516 | .5156 |
| | | | 1/32 | ----- | .031 | .0312 | | | | 17/32 | ------ | .531 | .5312 |
| | | | | 3/64 | .047 | .0469 | | | | | 35/64 | .547 | .5469 |
| | | 1/16 | ----- | | .062 | .0625 | | | 9/16 | ----- | ----- | .562 | .5625 |
| | | | | 5/64 | .078 | .0781 | | | | | 37/64 | .578 | .5781 |
| | | | 3/32 | ----- | .094 | .0938 | | | | 19/32 | ------ | .594 | .5938 |
| | | | | 7/64 | .109 | .1094 | | | | | 39/64 | .609 | .6094 |
| | 1/8 | ----- | ----- | ----- | .125 | .1250 | | 5/8 | ----- | ----- | ----- | .625 | .6250 |
| | | | | 9/64 | .141 | .1406 | | | | | 41/64 | .641 | .6406 |
| | | | 5/32 | ----- | .156 | .1562 | | | | 21/32 | ------ | .656 | .6562 |
| | | | | 11/64 | .172 | .1719 | | | | | 43/64 | .672 | .6719 |
| | | 3/16 | ----- | ----- | .188 | .1875 | | | 11/16 | ----- | ----- | .688 | .6875 |
| | | | | 13/64 | .203 | .2031 | | | | | 45/64 | .703 | .7031 |
| | | | 7/32 | ------ | .219 | .2188 | | | | 23/32 | ------ | .719 | .7188 |
| | | | | 15/64 | .234 | .2344 | | | | | 47/64 | .734 | .7344 |
| 1/4 | ----- | ----- | ----- | ----- | .250 | .2500 | 3/4 | ----- | ----- | ----- | ----- | .750 | .7500 |
| | | | | 17/64 | .266 | .2656 | | | | | 49/64 | .766 | .7656 |
| | | | 9/32 | ------ | .281 | .2812 | | | | 25/32 | ------ | .781 | .7812 |
| | | | | 19/64 | .297 | .2969 | | | | | 51/64 | .797 | .7969 |
| | | 5/16 | ----- | ----- | .312 | .3125 | | | 13/16 | ----- | ----- | .812 | .8125 |
| | | | | 21/64 | .328 | .3281 | | | | | 53/64 | .828 | .8281 |
| | | | 11/32 | ------ | .344 | .3438 | | | | 27/32 | ------ | .844 | .8438 |
| | | | | 23/64 | .359 | .3594 | | | | | 55/64 | .859 | .8594 |
| | 3/8 | ----- | ----- | ----- | .375 | .3750 | | 7/8 | ----- | ----- | ----- | .875 | .8750 |
| | | | | 25/64 | .391 | .3906 | | | | | 57/64 | .891 | .8906 |
| | | | 13/32 | ------ | .406 | .4062 | | | | 29/32 | ------ | .906 | .9062 |
| | | | | 27/64 | .422 | .4219 | | | | | 59/64 | .922 | .9219 |
| | | 7/16 | ----- | ----- | .438 | .4375 | | | 15/16 | ----- | ----- | .938 | .9375 |
| | | | | 29/64 | .453 | .4531 | | | | | 61/64 | .953 | .9531 |
| | | | 15/32 | ------ | .469 | .4688 | | | | 31/32 | ------ | .969 | .9688 |
| | | | | 31/64 | .484 | .4844 | | | | | 63/64 | .984 | .9844 |
| | | | | | .500 | .5000 | | | | | | 1.000 | 1.0000 |

# OUNCE TO DECIMAL OF A POUND CONVERSION CHART

| OUNCES | POUNDS |
|---|---|
| 1 | 0.062 |
| 2 | 0.125 |
| 3 | 0.188 |
| 4 | 0.250 |
| 5 | 0.312 |
| 6 | 0.375 |
| 7 | 0.438 |
| 8 | 0.500 |
| 9 | 0.562 |
| 10 | 0.625 |
| 11 | 0.688 |
| 12 | 0.750 |
| 13 | 0.812 |
| 14 | 0.875 |
| 15 | 0.938 |
| 16 | 1.000 |

## FIIG Change List

FIIG Change List, Effective September 3, 2010

This change replaced with ISAC or and/or coding.